

韓國遠洋다랭이 延繩漁業 漁獲統計
資料集 및 漁場圖

ANNUAL REPORT OF CATCH AND EFFORT
STATISTICS AND FISHING GROUNDS FOR
THE KOREAN TUNA LONGLINE FISHERY

1980

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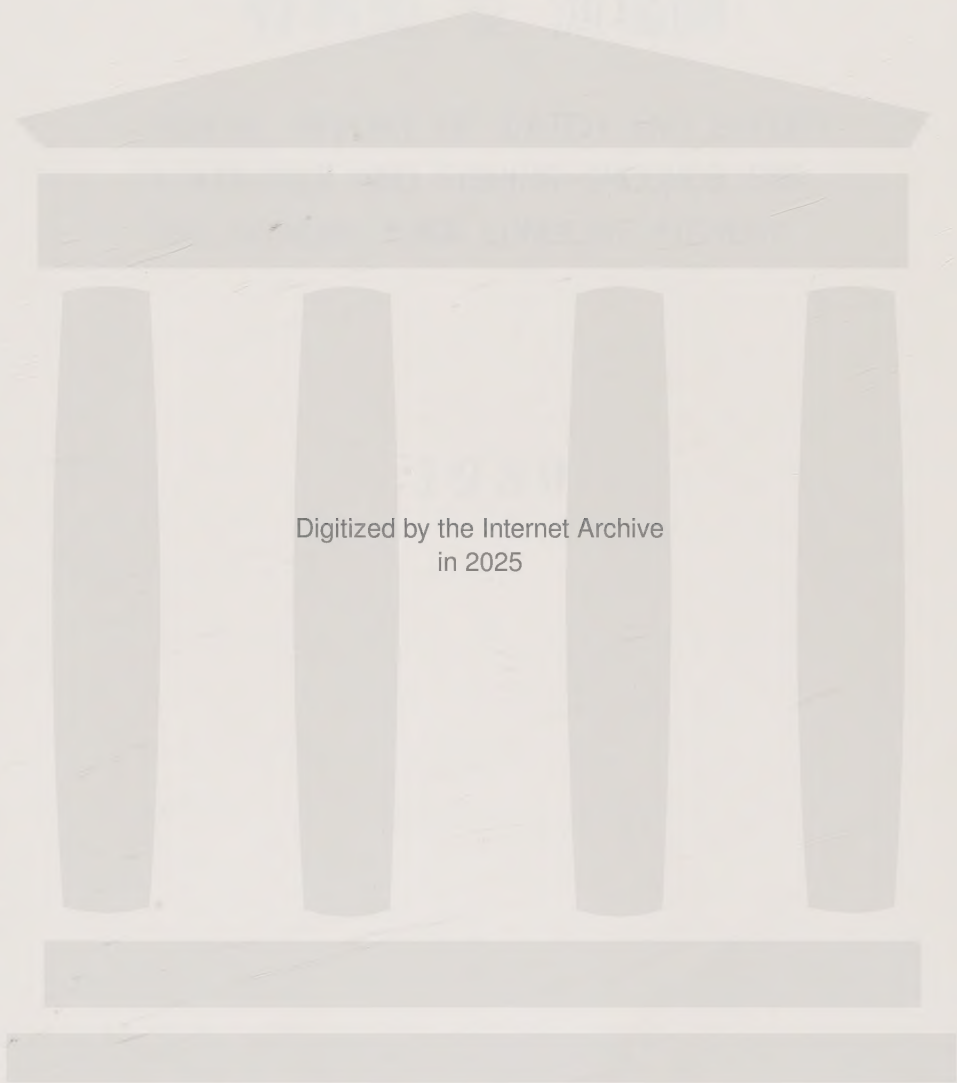
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國立水產振興院

FISHERIES RESEARCH & DEVELOPMENT AGENCY

PUSAN, KOREA

March 1985



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머 리 말

우리나라 遠洋漁業은 1957年 印度洋에서 다랭이 延繩漁業試驗操業을 그 嚆矢로 現在까지 26年동안 꾸준한 成長을 이룩하여 生産과 輸出 兩面에서 世界水産先進國으로서 確固한 자리를 굳혀 오고 있습니다. 그러나, 1970年代 海洋을 둘러싼 國際水産動向은 沿岸國들의 排他的 200海里 經濟水域設定과 이에 따르는 各種 形態의 漁業規制強化뿐만 아니라 油類波動 등으로 國際漁業 秩序가 再編成되는 契機가 되기도 했습니다. 더욱이, 1982年 12月 中南美 자마이카國 몬테고灣에서 119個國이 署名한 UN 海洋法協約은 沿岸國들이 自國管轄水域內에서 資源保存措置나 管理手段을 취할 수 있도록 加速化하고 있으며, 우리나라는 이미 沿岸國들과 漁業協力이나 會談을 통하여 既存漁場의 確保 및 新漁場開發 등으로 이에 對處해 오고 있습니다.

이와같은 漁業環境에 國立水産振興院에서는 1975~1978年間 및 1979年 遠洋다랭이 漁獲統計資料集 및 漁場圖 發刊에 이어, 1980年 三大洋에서 다랭이 延繩漁業 漁船으로부터 蒐集된 資料를 整理하여, 迅速正確한 漁場情報를 漁民諸位케 提供하므로서 最少의 努力과 經費로서 보다 많은 漁獲에 依한 所得増大를 뒷받침함과 同時에 더욱 效果的인 漁業活動으로 다랭이漁業 發展에 一翼을 擔當하게 하고, 또한 다랭이 漁業資源에 關한 國內 및 國際의 管理의 基礎資料를 마련하고자, 本 資料集 및 漁場圖를 發刊하게 되었습니다.

끝으로 本 冊子が 發刊되기까지 協助하여 주신 遠洋漁業終事者 여러분과 基礎資料의 電子計算組織 處理에 手苦하여 주신 總務處 政府電子計算所 職員에게 깊은 感謝를 드리며, 資料의 整理分析 및 編輯에 勞苦가 많았던 當院 遠洋資源調查科 職員一同의 勞苦를 致賀하는 바입니다.

1985年 3月 日

國立水産振興院長

河 星 煥

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I. 資 料 및 方 法

本 資料集에 收錄된 資料는 1980 年度 3 大洋에서 韓國 다랭이 延繩 漁船으로부터 蒐集된 漁獲實績報告書를 基礎로 하여 다음과 같이 作成했다.

1. 漁獲統計 資料集

가. 蒐集된 資料는 各 漁船의 操業位置에 따라 經·緯度 $5^{\circ} \times 5^{\circ}$ 간격으로 區分 集計하였다.

나. 漁獲實績報告書에 記錄된 資料는 G.G.Weight (魚體처리重量) (gutted, gilled, fin-off) 이므로 當院에서 調査한 G.G.Weight 와 Round Weight (全重量) 關係에서 漁獲時의 重量으로 換算하였다.

다. 海區別 ($5^{\circ} \times 5^{\circ}$) 漁場分布圖에서 努力量은 使用된 全 낚시數를, 魚種別 密度分布는 單位努力當 漁獲量 (CPUE) 으로서 表示했으며, 計算方法은 $CPUE =$

$$\frac{\text{漁獲尾數}}{\text{使用낚시數}} \times 100 \text{ 과 같다.}$$

2. 漁 場 圖

가. 漁場 分布圖에서는 調査期間동안 漁獲對象種 全體에 對한 年, 分期, 月別로 區分한 CPUE 와 努力量을 表示했고, 魚種別로는 重要種인 날개다랭이, 황다랭이, 눈다랭이 順으로 上記 區分한 時期와 같이 各各 나타내었다.

나. 漁場圖에 表示한 CPUE 및 努力量の 範例는 各各 다음과 같다.

單位努力當 漁獲量
(Catch Per Unit of Effort)

努 力 量
(Efforts)

單位 : 100 낚시당 마리수
(Unit : Number of fish per 100 hooks)

사용낚시수
(Number of hooks used)

○ 0.00 ~ 0.49

● 0.50 ~ 0.99

○ 1.00 ~ 1.99

◎ 2.00 ~ 2.99

◎ 3.00 ~ 4.99

● 5.00 이상

○ 5,000 이하

● 5,000 ~ 9,999

○ 10,000 ~ 49,999

◎ 50,000 ~ 99,999

◎ 100,000 ~ 149,999

● 150,000 이상

Ⅱ. 漁獲實績 報告書 蒐集 및 集計

1. 報告書 蒐集現況

本 統計는 水産業法 第 72 條의 規定에 의한 「遠洋漁船의 操業動態등의 報告에 관한 規則」(農水産部令 第 667 號, 1977.1.20 改定)으로 遠洋漁業을 經營하는 者는 遠洋漁業에 從事하는 操業動態와 그 漁獲物의 販賣狀況을 國立水産振興院長을 거쳐 水産廳長에게 報告(同令 第 2 條)함과 동시에 報告書는 該當 漁船別로 매 항次 終了후 國內基地船(독항식 漁船 包含)은 30 日內에, 外國基地船은 60 日內에 國立水産振興院長에게 提出(同令 第 3 條)하여야 하는 規定에 準하여 蒐集된 資料이다. 本 統計를 蒐集하여 整理·分析하기까지의 段階的 作業 흐름도와 調査樣式은 그림 1 및 表 1 과 같다. 한편 本 統計集에 收錄된 1980 年度의 標本 蒐集率(coverage rate)은 $\frac{\text{당원집계 총 어획량}}{\text{농수산통계연보상의 총어획량}} \times 100$ 로서 計算했고, 1975 ~ 1980年間은 表 2 와 같다.

2. 大洋別 海區別 漁場區分

操業船의 漁獲實績報告書는 매일의 操業位置를 緯度-經度 1° 간격으로 表示하고 있어, 이를 5°×5° 간격으로 再集計하여 本 統計를 作成하였다. 이 區分에 의한 漁場位置는 7 자리로 區分하고 있는데 즉, $\frac{\times}{\text{海區의 크기}}, \frac{\times}{\text{像限}}, \frac{\times \times}{\text{緯度}}, \frac{\times \times \times}{\text{經度}}$ 이다.

여기서 區分된 수치의 例를 보면 “6205165” 일때 “6”은 5°×5° 간격을 表示하고 “2”는 像限(그림 2 參照)으로 Southeast 를 나타내며 이때 “05”는 南緯를, “165”는 東經을 表示한다. 參考로 各 像限區分의 수치는 다음과 같다.

- | | |
|-------------------|-------------------|
| 1. Northeast (NE) | 2. Southeast (SE) |
| 3. Southwest (SW) | 4. Northwest (NW) |

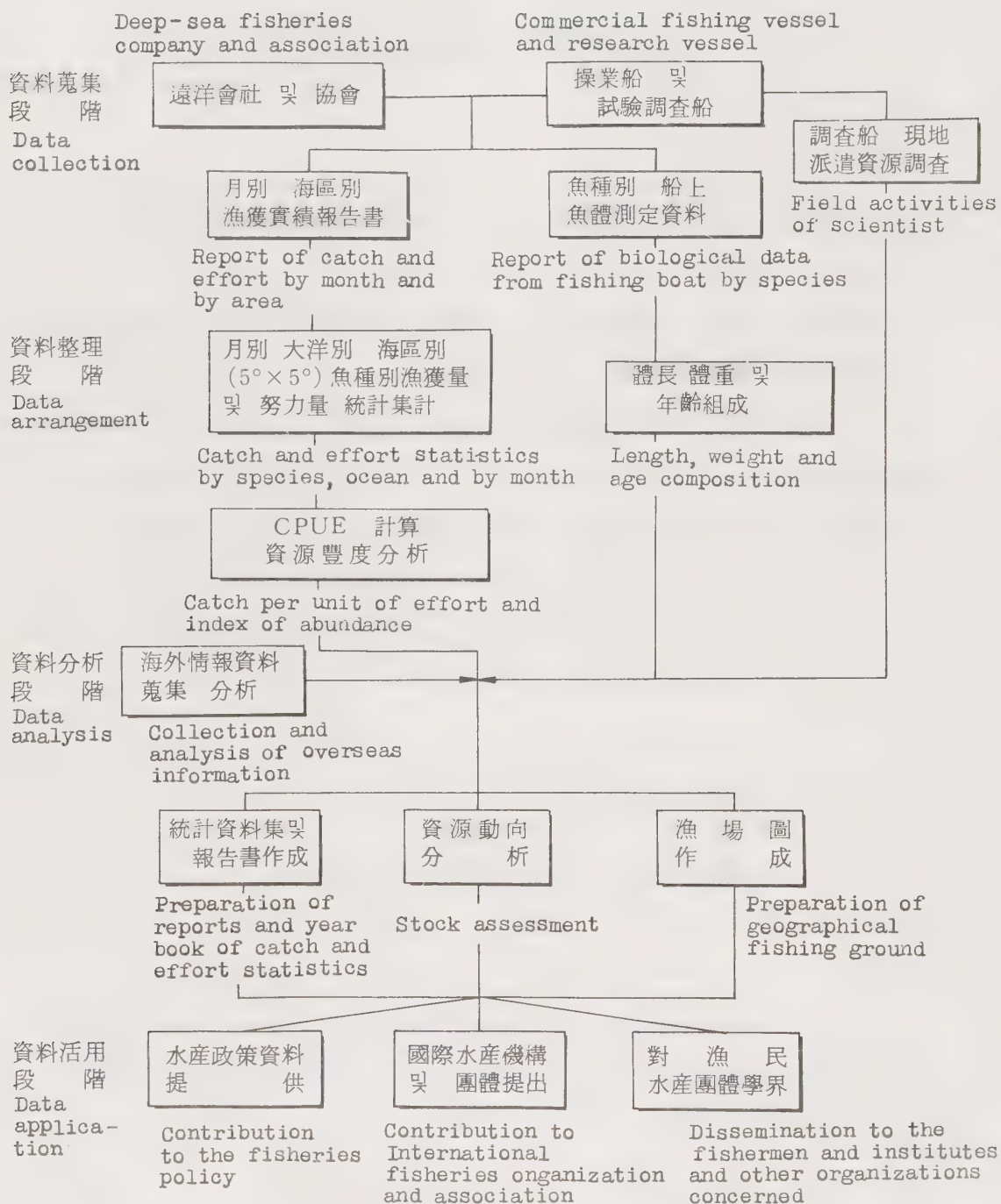


그림 1. 다랭이類 漁業統計資料蒐集 및 分析作業 흐름도.
Fig.1. Flow chart of data processing for tuna fishery.

Table 1. Format for catch statistics.

七
十
百

..	..	..	..
何	四	十	才
下	十	十	天
味	十	十	天

보고건바	종분수	비 비 비	비
차 임박연결인02	실	인 하계인수03	인 수부원05
합계위수01		인 조립인수04	

[illegible]

1. 조영기간이 부족하여

[illegible]

3. 이종빈 어휘량은 각란마다 상당한 증량(kg)을 하단온 마의수를 기록한 것.

마리나

[illegible]

5. 각반에 표시되어 있는 수와 개개의 알지. 번호이므로 기각시 개개의 알지.

포고년월일	년	월	일
선	성명	성	성명
포고확인증번호	성	성	성명
간	간	간	간

구분	월	경오치		표면수	남서수	다양성				유종				세계				카다렐이	상어	기타	계				
		도	NS			노다렐이	황다렐이	큰노다렐이	노색치	갈색치	흰색치	검색치	노색치	흰색치	검색치	노색치	흰색치					검색치			
날짜	도	NS	E-W			노다렐이	황다렐이	큰노다렐이	노색치	갈색치	흰색치	검색치	노색치	흰색치	검색치	노다렐이	상어	기타	Total						
월 1	20	21	22	23	31	40	41	42	43	44	45	46	47	48	49	50	51	90	99						
1	1	21	22	23	31	40	41	42	43	44	45	46	47	48	49	50	51	90	99						
2	2	22	23	24	32	41	42	43	44	45	46	47	48	49	50	51	90	99							
3	3	23	24	25	33	42	43	44	45	46	47	48	49	50	51	90	99								
4	4	24	25	26	34	43	44	45	46	47	48	49	50	51	90	99	99								
5	5	25	26	27	35	44	45	46	47	48	49	50	51	90	99	99	99								
6	6	26	27	28	36	45	46	47	48	49	50	51	90	99	99	99	99								
7	7	27	28	29	37	46	47	48	49	50	51	90	99	99	99	99	99								
8	8	28	29	30	38	47	48	49	50	51	90	99	99	99	99	99	99								
9	9	29	30	31	39	48	49	50	51	90	99	99	99	99	99	99	99								
10	10	30	31	1	40	49	50	51	90	99	99	99	99	99	99	99	99								
11	11	31	1	2	41	50	51	90	99	99	99	99	99	99	99	99	99								
12	12	1	2	3	42	51	90	99	99	99	99	99	99	99	99	99	99								
13	13	2	3	4	43	90	99	99	99	99	99	99	99	99	99	99	99								
14	14	3	4	5	44	99	99	99	99	99	99	99	99	99	99	99	99								
15	15	4	5	6	45	99	99	99	99	99	99	99	99	99	99	99	99								
16	16	5	6	7	46	99	99	99	99	99	99	99	99	99	99	99	99								
17	17	6	7	8	47	99	99	99	99	99	99	99	99	99	99	99	99								
18	18	7	8	9	48	99	99	99	99	99	99	99	99	99	99	99	99								
19	19	8	9	10	49	99	99	99	99	99	99	99	99	99	99	99	99								
20	20	9	10	11	50	99	99	99	99	99	99	99	99	99	99	99	99								
21	21	10	11	12	51	99	99	99	99	99	99	99	99	99	99	99	99								
22	22	11	12	13	52	99	99	99	99	99	99	99	99	99	99	99	99								
23	23	12	13	14	53	99	99	99	99	99	99	99	99	99	99	99	99								
24	24	13	14	15	54	99	99	99	99	99	99	99	99	99	99	99	99								
25	25	14	15	16	55	99	99	99	99	99	99	99	99	99	99	99	99								
26	26	15	16	17	56	99	99	99	99	99	99	99	99	99	99	99	99								
27	27	16	17	18	57	99	99	99	99	99	99	99	99	99	99	99	99								
28	28	17	18	19	58	99	99	99	99	99	99	99	99	99	99	99	99								
29	29	18	19	20	59	99	99	99	99	99	99	99	99	99	99	99	99								
30	30	19	20	21	60	99	99	99	99	99	99	99	99	99	99	99	99								
31	31	20	21	22	61	99	99	99	99	99	99	99	99	99	99	99	99								
본항에서의 어획량 및 금액																				이 회 산 액		금 액 배		미납액(과금잔액)	

表 2 . 年度別 大洋別 標本率 現況

Table 2 . The coverage rate by year and ocean

單位, Unit : %

年 度 Year	大 西 洋 Atlantic Ocean	印 度 洋 Indian Ocean	太 平 洋 Pacific Ocean
1975	19.3	21.2	9.6
1976	49.8	19.8	17.8
1977	35.2	59.4	44.9
1978	39.4	65.4	64.7
1979	38.0	61.7	35.7
1980	52.9	68.6	59.9

3 . 漁獲對象種의 種類 및 名稱

本 統計에서 漁獲對象種을 韓國名과 英名, 日名 및 學名으로 나타내었으며 英名의 略字는 다음과 같다.

記 號 (Acronym)	韓 國 名 (Korean name)	英 名 (Common name)	日 名 (Japanese name)	學 名 (Scientific name)
B F T	참다랭이	Bluefin tuna	クロマグロ	<i>Thunnus thynnus</i>
Y F T	황다랭이	Yellowfin tuna	キワダ, キハダ	<i>Thunnus albacares</i>
A L B	날개다랭이	Albacore tuna	ビンナガ	<i>Thunnus alalunga</i>
B E T	눈다랭이	Bigeye tuna	メバチ	<i>Thunnus obesus</i>
S K J	가다랭이	Skipjack	カツオ	<i>Katsuwonus Pelamis</i>
S W O	황새치	Swordfish	メカジキ	<i>Xiphias gladius</i>
B U M	늑새치	Blue marlin	ニシクロカジキ	<i>Makaira nigricans</i>
S T M	청새치	Striped marlin	マカジキ	<i>Tetrapturus audax</i>
W H M	백새치	White marlin	ニシマカジキ	<i>Tetrapturus albidus</i>
S A I	돛새치	Sailfish	ニシバシヨウカジキ	<i>Istiophorus albicans</i>
O T B	기타새치	Other billfishes		

※ 황새치의 영명은 Broadbill swordfish로도 쓰임

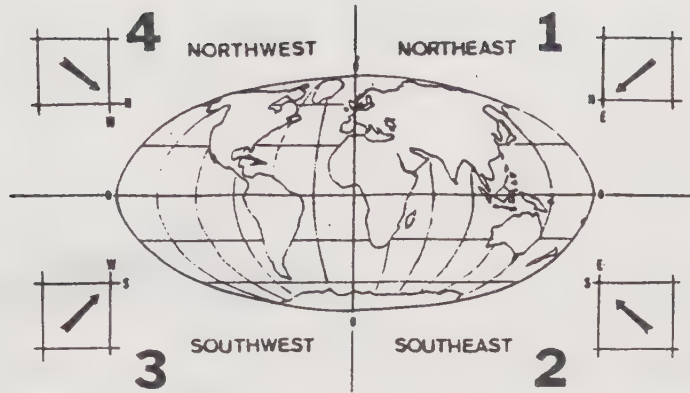


그림 2. 像限區分圖.

Fig.2. System for identifying statistical rectangle.

4. 大洋別 魚種別 平均重量

本 統計集의 漁獲量은 尾數로 表示되어 있으므로 이를 重量單位로 換算하기 위해 年度別 魚種別 調査된 平均重量은 表 3 과 같다.

表 3. 大洋別, 魚種別 平均重量

Table 3. Average weight (round weight) per capita by species and by ocean in 1980.

單位, Unit : kg

魚 種 Species	大 西 洋 Atlantic Ocean	印 度 洋 Indian Ocean	太 平 洋 Pacific Ocean
Albacore	21.7	19.2	17.3
Yellowfin	40.4	35.7	30.7
Bigeye	40.1	38.3	36.5
Bluefin	-	-	-
Skipjack	7.3	9.9	7.7
Blue marlin	97.5	76.2	67.0
Striped marlin	-	47.2	58.3
Broadbill(sword fish)	44.2	52.3	60.9
White marlin	36.6	-	-
Sailfish	22.9	32.3	26.9
Other billfishes	37.2	74.3	62.9
Sharks	44.9	40.3	57.3
Others	25.9	27.5	24.0

Ⅲ. 다랭이 生態

1. 참다랭이 (Bluefin tuna)

가. 外部形態

腹部는 銀色系統의 흰색으로 無色의 點들로된 줄이 가로로 線을 이루고 있으며 이 모양은 신선한 標本에서만 볼 수 있다.



제 1 등지느러미는 황색 혹은 청색 계통이며, 제 2 등지느러미는 붉은색 계통의 갈색을 띄고 있다. 뒷지느러미와 토막지느러미는 어두운 황색으로 끝부분이 검다.

나. 地理的 分布

적어도 2 個의 亞種, 즉 大西洋과 太平洋으로 나누어진 다 (그림 3)

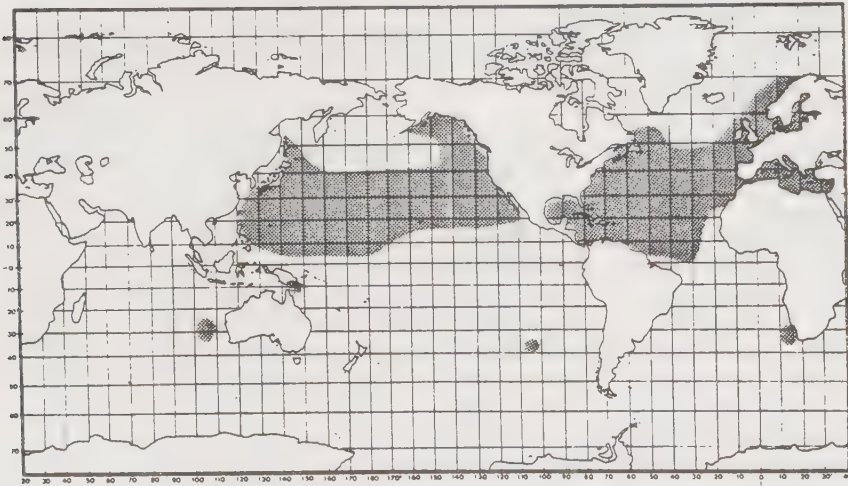


그림 3. 참다랭이 漁場分布圖.

Fig.3. Geographical distribution of bluefin tuna.

다. 習 性

- 表層性, 外洋性이나 季節的으로 沿岸에 나타난다.

北部群은 광범한 水溫에 適應하며, 40kg~80 kg에서는 크기별로 群集하고, 때때로 날개다랭이, 황다랭이, 눈다랭이, 가다랭이, 물치다래, 줄삼치와 混棲한다.

- 北東太平洋에서 이種은 6月~9月間 캘리포니아 沿岸을 따라 북쪽으로 洄游하며, 日本의 太平洋 沿岸側에서는 여름에 북쪽으로, 겨울에는 남쪽으로 洄游한다.
- 索餌活動이 活潑한 個體는 멸치, 꽂치, 대구 및 오징어를 포식하고, 반면에 먹이를 걸러서 섭이하는 個體는 붉은 게류와 기타 運動力이 약한 生物을 포식한다.

다. 크 기

- 最大크기는 尾叉長 300 cm이상이며, 보통 200 cm이다.
- 成熟크기는 約 4~5 才이며, 대형어 (10 才이상)는 멕시코灣과 地中海에서 産卵하는 것으로 알려져 있다.

太平洋은 필리핀 北東海域에서 産卵한다. 270 ~ 300 kg 암컷은 産卵期中에 1,000 萬粒의 卵을 낳는다.

마. 漁業現況

참다랭이 世界 總漁獲量은 1975~1980 年間 毎年 36,000 톤 水準에서, 1981 年 46,000 톤으로 增加되었다. 이 種은 旋網, 延繩, Trolling line, Trap net 및 기타 漁具에서 漁獲되며, 地中海 Trap 漁業이 가장 오래된 것으로 알려져 있다. 大西洋 다랭이 保存委員會 (ICCAT)에서는 西部大西洋 참다랭이 漁獲量을 1983~'84 年間 毎年 2,660 톤으로 制限하였고, 120 cm이하 소형어 漁獲量을 總 漁獲量의 15 %까지만 許用하고 있다. 또한 이 海域에서 許可 隻數, 漁期制限, 漁獲最小크기, 最大 隻當漁獲量, 操業日數等を 規制하고 있다.

2. 날개 다랭이 (Albacore tuna)

가. 外部形態

가슴지느러미가 현저하게 길며
側線上에 회미한 진주색을 가진 청색
띠가 있다. 제 1 등지느러미는 짙은
황색, 제 2 등지느러미와 뒷지느러미는
엷은 황색, 꼬리지느러미 뒷쪽은 흰색을 나타낸다.



나. 地理的 分布

北緯 45° ~ 50° 에서 南緯 30° ~ 40° 間 地中海를 包含한 全大洋의 熱帶 및 溫帶
水域에 分布하며, 北緯 10° 에서 南緯 10° 間的 表層에서는 分布하지 않는다(그림 4).

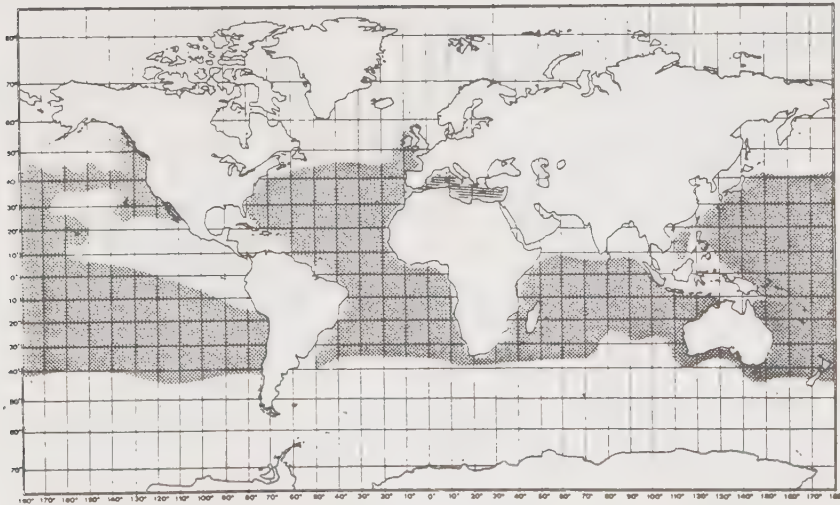


그림 4. 날개 다랭이 漁場分布圖.

Fig.4. Geographical distribution of albacore tuna.

다. 習 性

- 表中層, 大洋性 魚類로서 15.6°C ~ 19.4°C의 表層水에 豊富하게 棲息하며,

深해까지 유영하고, 대형어는 $13.5^{\circ}\text{C} \sim 25.2^{\circ}\text{C}$ 에서 나타난다. 9.5°C 의 낮은 수온에서 단기간 견딜 수 있다. 이 종은 수온前線 部近에 群集하는 習性이 있어 이곳이 좋은 漁場이 된다.

- 垂直分布는 表層에서 380 m까지 이르고 垂直熱構造와 水塊의 酸素量에 의해 支配된다.
- 抱卵數는 암컷 20 kg에서 每季節마다 200 만~300 만粒의 卵을 가지고 있으며 적어도 두번에 걸쳐 産卵한다.

라. 크 기

- 最大크기는 尾叉長 127 cm이며, 太平洋의 表層 漁業에서는 55 ~ 80 cm, 延繩漁業은 95 ~ 115 cm크기가 주로 漁獲된다.
- 成熟크기는 太平洋 암컷 90 cm, 수컷 97 cm이며, 大西洋은 암수 다같이 94 cm이다.

마. 漁業現況

날개다랭이 世界 總漁獲量은 漁獲努力量의 增加에도 불구하고 1974年 245,000 톤을 最大로 하여 1981年 181,000 톤으로 減少되었다. 이 종은 延繩, 채낚기, 旋網과 Trolling 漁業에 의해 大部分이 漁獲되고 있다. 印度洋에서는 아직 開發의 여지가 있다.

3. 황다랭이 (Yellowfin tuna)

가. 外部形態

제 2 등지느러미와 뒷지느러미가 매우 긴 形態를 하고 있다. 등부위는 금속계통의 검은 청색이며 腹部는 황색에서 은색으로 바뀌는 색깔을 나



타내고 約 20 個의 點線들이 거의 垂直으로 存在한다. 등지느러미, 뒷지느러미, 토막지느러미는 밝은 황색을 띄고 있다.

나. 地理的 分布

全世界的으로 赤道와 亞熱帶에 分布하며, 地中海에는 分布하지 않는다 (그림 5).

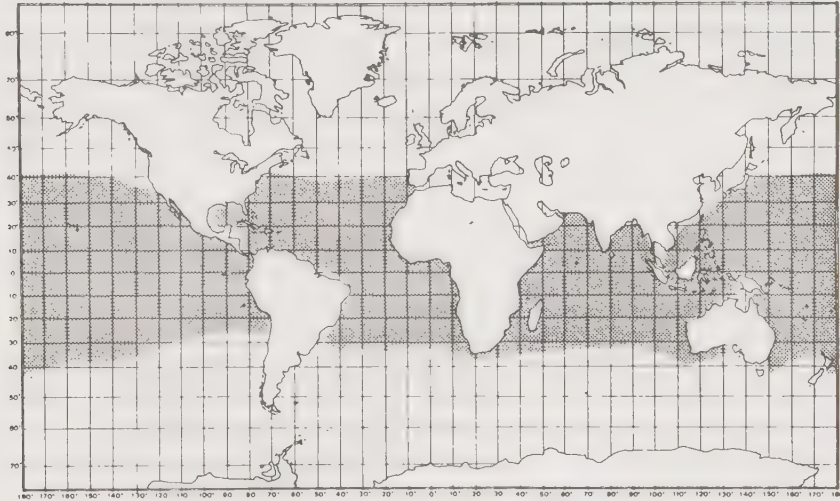


그림 5. 황다랭이 漁場分布圖.

Fig.5. Geographical distribution of yellowfin tuna.

다. 習 性

- 表層性, 外洋性이며, 水溫躍層 上下에 分布하며, 대체로 水溫 $18^{\circ}\text{C} \sim 31^{\circ}\text{C}$, 100 m 以淺의 水深에서 棲息하고 있다.
- 魚群은 거의 表層에서 황다랭이 單一種 혹은 다른 種과 混合하여 出現하며, 東部 太平洋에서는 85 cm 이상의 대형어가 돌고래류와 함께 가끔 群集을 이루고 있다.
- 産卵은 年中 나타나며 北半球와 南半球의 여름철이 産卵 盛期이다.

라. 크 기

- 最大크기는 尾叉長 200 cm 이상이며, 보통은 150 cm이다.
- 最小의 成熟크기는 12 ~ 15 個月된 50 ~ 60 cm이며, 70 ~ 100 cm 범위에서 가장 높은 成熟比率을 가지고 120 cm 이상에서 性成熟에 도달한다.

마. 漁業現況

- 熱帶와 亞熱帶水域이 황다랭이 漁業의 중요한 漁場이다. 陽陸量은 1975 ~ 81 년간 496,000 ~ 545,000 톤의 安定된 水準에 있다. 現在의 漁獲量은 持續的 生産量 水準에 있는데 이는 漁獲努力의 增大에 그 原因이 있다.
- 表層魚群은 旋網과 채낚기 漁業에 의해 漁獲되며, 深層에 유영하는 魚群은 延繩漁業에 漁獲되고 있다. 西部 太平洋에서는 旋網漁業이 增加하고 있으며, 印度洋 황다랭이는 아직 충분히 開發되어 있지 않다.

4. 눈다랭이 (Bigeye tuna)

가. 外部形態

腹部는 흰색계통이며 側面은 진주빛의 청색띠가 있다. 제 1 등지느러미는 길은 황색, 제 2 등지느러미와 뒷지느러미는 엷은 황색이며, 토막지느러미는 밝은 황색이나 끝 부분이 검다.



나. 地理的 分布

全大洋의 熱帶와 亞熱帶水域에 광범하게 分布하며 地中海에는 分布하지 않는다 (그림 6).

다. 習 性

- 表·中層性魚類이며 約 250 m 水深에까지 分布하고 있다. 水溫과 水溫躍層 깊이가 이 種의 垂直 및 水平分布를 支配하는 주된 要因이다. 水溫範圍는 13° ~ 29°C이며, 最適水溫은 17° ~ 22°C이다.

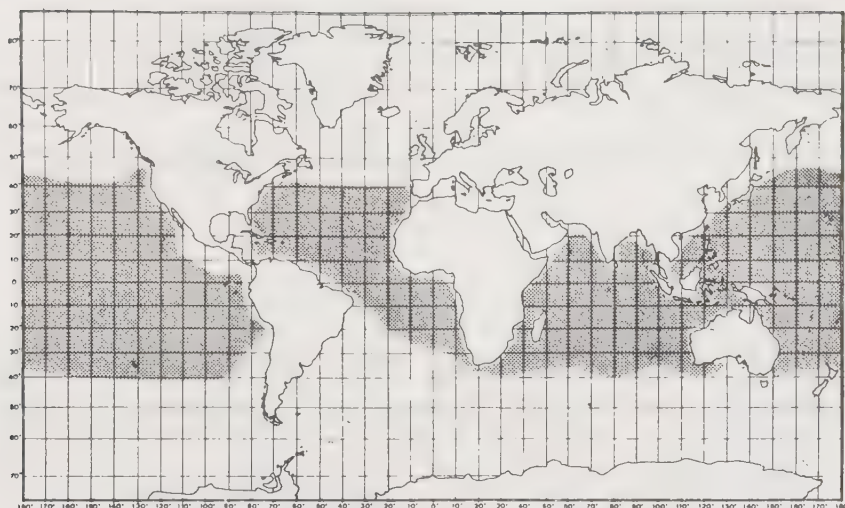


그림 6. 눈다랭이 漁場分布圖.

Fig.6. Geographical distribution of bigeye tuna.

- 稚魚와 幼魚는 單一群을 形成하거나 황다랭이, 가다랭이와 混棲한다. 群形成은 浮流物이 있는 곳에서 나타난다.
- 産卵은 東部太平洋에서 年中 이루어지며, 北半球에서는 4~9 月間, 南半球에서는 1~3 月間이 最盛期이다. 成熟魚는 1 年에 적어도 2 回 産卵하며 1 回 産卵數는 290 萬~630 萬粒으로 推定되고 있다.
- 먹이는 魚類, 頭足類, 甲殼類이며 다른 다랭이의 먹이生物과 큰 差異가 없다. 索餌活動은 밤낮으로 이루어지며, 이 種의 主 捕食者는 대형 새치류와 이빨고래이다.

라. 크 기

- 最大크기는 尾叉長 200 cm 이상이며, 보통 180 cm으로 年令 3 才에 해당된다.
- 成熟크기는 東部太平洋과 印度洋에서 100 ~ 130 cm, 太平洋 中部海域에서는 130 cm 에 달한다.

마. 漁業現況

- 눈다랭이 世界 總 漁獲量은 1974 年 164,000 톤에서 1980 年 201,000 톤으

로 增加하였다.

- 이 種을 對象으로 하는 가장 중요한 漁業은 延繩漁業이며, 操業船은 한 바구니마다 5개의 낚시가 달린 400개의 바구니의 漁具로서 끌치, 고등어, 전갱이 등을 먹이로 하여 操業하고 있다. 1970年 부터 매 바구니當 10 ~ 15개 낚시를 이용하는 深繩漁業이 이루어지고 있고, 이 낚시가 도달하는 水深은 통상의 延繩에서는 170 m, 深繩에서는 300 m에 달한다.

5. 가다랭이 (Skipjack tuna)

가. 外部形態

- 몸은 방추형으로 길게 연장된 둥근 형태이다.
등지느러미는 2개로서 약간 떨어져 있고, 비늘은 가슴지느러미 周邊과 側線에만 있다.
- 몸의 색깔은 등부위에 검은 자주색 계통의 청색, 腹部는 은색을 하고 있으며, 가로로 4 ~ 6개의 뚜렷한 검은 띠를 가지고 있다.



나. 地理的 分布

熱帶와 溫帶水域에 광범하게 分布하며, 黑海에는 分布하지 않는다(그림 7).

다. 習 性

- 表層 外洋性 魚類로서 成魚는 水溫 14.7° ~ 30°C에서 出現하며, 대체로 15°C 等溫線에 分布하고, 仔魚는 거의 表層水溫 25°C에까지 棲息한다.
- 이 種의 群集은 海洋 수렴선, 냉수괴와 난수괴, 즉 極前線, 용승역과 기타 海洋不連續線에서 나타난다. 垂直的인 分布는 낮에는 表層에서 260 m 까지

밤에는 거의 表層에 한정되어 分布하고 있다.

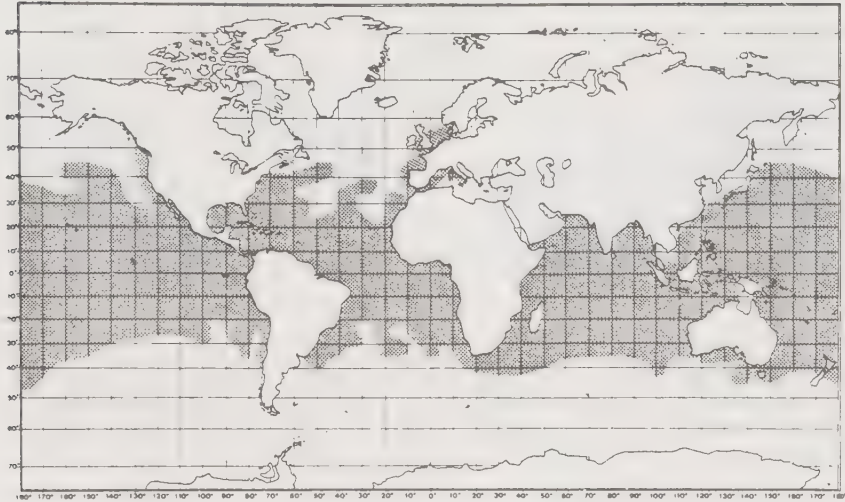


그림 7. 가다랭이 漁場分布圖.

Fig.7. Geographical distribution of skipjack tuna.

- 産卵은 赤道水域에서 年中 이루어지고, 亞熱帶水域에서는 봄부터 가을초까지 産卵한다. 抱卵數는 魚體크기에 따라 增加하나 尾叉長 41 ~ 87 cm에서는 8만 ~ 200 萬粒의 範圍에 있다.
- 먹이生物은 魚類, 甲殼類, 軟體類가 주 組成을 이루고, 이 種을 捕食하는 捕食者는 다른 다랭이류와 새치류이다.
- 正確한 壽命은 알 수 없으나, 적어도 8 ~ 12 才 範圍에 있다.

라. 크 기

- 最大 크기는 尾叉長 108 cm, 이때의 體重은 32.5 ~ 34.5 kg 範圍이며, 보통 80 cm, 8 ~ 10 kg의 크기이다.
- 最初의 成熟크기는 45 cm이다.

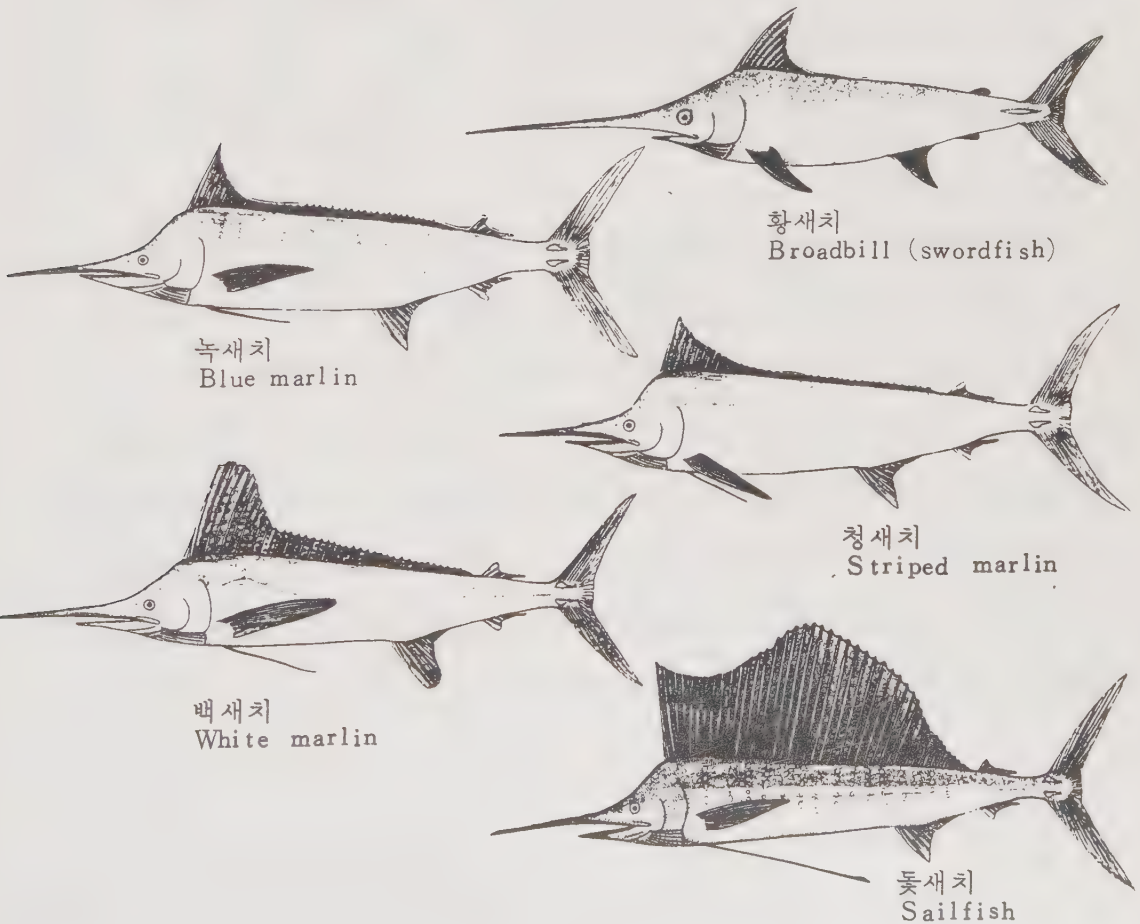
마. 漁業現況

- 가다랭이는 世界다랭이類 總漁獲量의 約 40 %를 차지하고 있으며, 數年前부

터 많은 漁獲量을 나타내었던 황다랭이와 대체되고 있다. 1981年 漁獲量은 約 70 만톤이며, 매년 總 漁獲量의 47 ~ 50 %가 日本에 양육되고 있다.

- 印度洋 가다랭이는 아직 충분히 開發되어 있지 않으며, 海洋學的 要因들의 分布로 보아서 잠재개발지역이 存在함을 제시하고 있다.
- 旋網과 채낚기 漁業에 大部分이 漁獲되며 延繩漁業에 부수적으로 漁獲된다. 최근에는 魚群 群集을 위하여 浮流物과 群集物 製作의 중요성이 크게 대두되고 있으며, 空中探索기술의 開發과 원격조정의 이용등이 實驗的으로 行해지고 있다.

6. 새치類의 外部形態



IV. 韓國의 다랭이類 生産動向

우리나라의 遠洋다랭이 漁業은 1957年 첫 試驗操業을 호시로 하여 1962年 5隻이 出漁 操業 함으로써 實質的인 資源利用에 들어갔다.

年度別 漁船勢力의 伸張은 1974年에 最高 567隻까지 도달한 후 점차 減少하여 1982년에는 353隻으로 '74年比 37.7%의 減少를 가져왔다.

生産量에서는 1974年以後 점차 增獲되어 1977년에는 172千톤으로 最高의 漁獲을 보인후 다시 減少하여 1982년에는 '77年比 28%가 減少한 124千톤이 漁獲되었다. 이러한 現象은 漁業經營 수지에 따른 一部漁船의 전업과 船齡이 높은 漁船의 生産부진에 기인된 것이라고 하겠다. 한편, 輸出에서는 1974年以後 다랭이類 魚價의 상승과 더불어 꾸준한 輸出伸張을 가져왔으며, 1981년에는 2億 3千 1萬달러로 最高의 輸出額을 보였고, 특히 漁獲이 가장 많았던 '77년에 비해 20.9%의 增額을 보였다(表5)

魚種別 生産動向을 보면, 날개다랭이와 가다랭이는 1980年以後 다소 增加했으나 반면 황다랭이는 減少傾向에 있고, 눈다랭이는 대체로 增加추세에 있다(表6).

大洋別 生産量에서는 대체로 太平洋이 出漁隻數와 더불어 生産量이 가장 많고 다음 印度洋, 大西洋의 順이며 漁獲이 가장 많았던 大洋은 1978年 大西洋이었다. 隻當 漁獲量은 太平洋이 안정된 상태로서 매년 增加傾向에 있고, 大西洋에서는 1979年 568톤을 最高로 하여 그후 다소 減少하기 시작하여 1982년에는 '79年比 30.6%가 減少한 394톤을 漁獲했고, 印度洋은 1978年 最高 471톤을 기록한후 점차 減少하여 1982년에는 '78年比 38.2%가 減少했다(表7).

表 5. 年度別 出漁隻數, 生産量 및 輸出額 現況

Table 5. The status of export prices, catches and fishing boats by year

區 分 Item	1974	1975	1976	1977	1978	1979	1980	1981	1982
出 漁 隻 數 (隻) Fishing boats	567	558	501	501	482	451	474	430	353
生 産 量 (MT) Nominal catches in metric ton	122,216	144,426	147,651	171,604	162,726	140,982	125,440	121,229	123,523
輸 出 額 (千 \$) Export prices in 1,000 dollars	89,097	107,564	130,149	191,269	176,804	186,000	196,581	231,258	180,681

資料: 農水産部 水産統計年報, 1975 ~ 1983

韓國遠洋漁業協會 遠洋漁業統計, 1983

Data source: Year book of fisheries, statistics, 1979 ~ 1982. Ministry of Agriculture and Fisheries, Republic of Korea.

Deep sea fisheries statistics, 1983. Deep Sea Fisheries Association

表 6. 年度別 魚種別 生産量 現況

Table 6. Catch of tunas and tuna-like fishes by species and by year

單位, Unit : MT

魚 種 Species	1978		1979		1980		1981		1982	
	生産量 Catch	%	生産量 Catch	%	生産量 Catch	%	生産量 Catch	%	生産量 Catch	%
合 計 Total	162,726	100	140,982	100	125,440	100	121,229	100	123,523	100
참 다랭이 Bluefin	119	0.1	82	0.1	-	-	-	-	6	0.1
황 다랭이 Yellowfin	51,690	31.8	46,199	32.8	44,315	35.3	30,750	25.4	36,107	29.2
날개 다랭이 Albacore	20,508	12.6	17,485	12.4	14,228	11.3	20,270	16.7	16,956	13.7
눈 다랭이 Bigeye	51,458	31.6	43,112	30.6	42,191	33.6	41,222	34.0	39,626	32.1
가 다랭이 Skipjack	16,659	10.2	19,753	14.0	9,767	7.8	13,084	10.8	15,084	12.2
새 치 류 Billfishes	10,860	6.7	10,741	7.6	7,444	5.9	5,698	4.7	6,569	5.3
기 타 Others	11,432	7.0	3,610	2.6	7,495	6.0	10,205	8.4	9,175	7.4

資料: 農水産部 水産統計年報, 1979 ~ 1983.

Data source: Year book of fisheries, 1979 ~ 1983.

Ministry of Agriculture and Fisheries, Republic of Korea.

表 7. 大洋別 漁船勢力 吳 生産量 比率

Table 7. The catches and fishing boats by ocean

大 洋	1978			1979			1980			1981			1982		
	隻數 No.of boat	生産量 Catch (MT)	隻 當 漁獲量 Catch per boat	隻數 No.of boat	生産量 Catch (MT)	隻 當 漁獲量 Catch per boat	隻數 No.of boat	生産量 Catch (MT)	隻 當 漁獲量 Catch per boat	隻數 No.of boat	生産量 Catch (MT)	隻 當 漁獲量 Catch per boat	隻數 No.of boat	生産量 Catch (MT)	隻 當 漁獲量 Catch per boat
合 計	482	162,726	338	351	140,982	313	474	125,440	265	430	121,229	282	350	123,525	353
太 平 洋 Pacific Ocean	223	51,597	231	211	57,323	272	230	58,370	254	224	53,055	237	141	56,196	399
大 西 洋 Atlantic Ocean	108	40,006	370	66	37,483	568	70	28,985	414	64	32,036	501	63	24,798	394
印 度 洋 Indian Ocean	151	71,123	471	74	46,176	265	174	38,085	219	142	36,138	254	146	42,531	291

資料：農水産部 水産統計年報，1979～1983.

Data Source：Year book of fisheries statistics, 1979～1983.

Ministry of Argriculture and Fisheries, Republic of Korea.

V . 世界 다랭이類 資源狀態

魚種別 大洋別 最大持續的生産量(MSY)은 다랭이 延繩漁業의 主 漁獲對象種인 황다랭이가 大西洋에서는 110 ~ 120 千톤으로 안정상태에 있고, 印度洋은 40 ~ 60 千톤으로 努力量 增加에 따른 漁獲量 増大가 어렵고, 太平洋은 120 ~ 160 千톤으로 他大洋에 비해 많으나 資源狀態는 이미 MSY水準까지 開發되어 있다.

눈다랭이의 MSY는 大西洋 50 ~ 60 千톤, 印度洋 30 ~ 35 千톤, 太平洋 127 千톤이고, 資源狀態는 大西洋에서 努力量 増大에 따른 漁獲量 増加의 기대는 어렵고, 印度洋과 大西洋에서는 이미 限界水準까지 開發되어 있다.

날개다랭이는 大西洋 25 ~ 65 千톤, 印度洋 15 ~ 20 千톤, 太平洋 30 ~ 130 千톤으로 大西洋과 太平洋에서는 MSY水準까지 利用되고 있는 반면, 印度洋에서의 漁獲水準은 MSY 以下로서 開發이 가능하다(表8).

表 8. 世界 다랭이類 資源狀態

Table 8. Status of stock for tunas by Ocean

어 종	구 분	대 서 양	인 도 양	태 평 양
황 다랭이	MSY	118,000-115,000 톤	40,000-60,000 톤	중부 : 123,000 톤, 동부 : 158,000 톤
	평균어획량	124,000-134,000 톤	52,000-65,000 톤	중부 : 100,000 톤-148,000 톤 (한.일.대)
	('75-'81년)			51,000 톤-170,000 톤 (필리핀 등)
	자원상태	MSY상한 추정치까지 개발	인승어업 평행유지 노력증대에 따른 어 획량 증가는 가망 없음	동부 : 151,000-170,000 톤 중부 : 가입량에 따라 어획량변동, 노력량 한계수준, 적도해역 황다랭이에 주의 동부 : MSY수준에까지 개발 근년 어획물 조성이 소형화 경향
난 다랭이	MSY	50,000-60,000 톤	30,000-35,000 톤	127,000 톤
	평균어획량	39,000-57,000 톤	29,000-53,000 톤	114,000-142,000 톤
	자원상태	노력량 증대에도 어획량 증가는 기대난	심승어업 보급으로 근년어획량 증가	근년 심승어업 개발로 어획량 증가
			자원개발은 한계수준 에 도달	자원이용수준은 MSY부근에 도달

表 8. 계속

Table 8. Continued

어 종	구 분	대 서 양	인 도 양	태 평 양
날개다랭이	MSY	북부 : 60,000-65,000 톤 남부 : 25,000-30,000 톤	15,000-20,000 톤	북부 : 120,000-130,000 톤 남부 : 33,000- 35,000 톤
	평균어획량	북부 : 41,000-57,000 톤 남부 : 16,000-29,000 톤	11,000-15,000 톤	북부 : 62,000-124,000 톤 남부 : 27,000- 40,000 톤
	자원상태	북부 : 자원개발 수준이 높음 남부 : 자원이용은 MSY수준	근년의 어획수준은 MSY 이하	북부 : 소형어 어획증가에 주의 필요 남부 : 노력량에 증대로 어획량 증가난함
	참다랭이	MSY		14,000-23,000 톤
인도다랭이	평균어획량 자원상태	22,000-23,000 톤 '83년 ICCAT회의에서 '84년 자원이용 잠정 허 용량을 2,660 톤으로 평가		타종에 비해 어획변동이 크며 자원에 대한 어획의 영향은 확인되지 않고 있음. 근년 자원수준이 향상
	MSY			
날개다랭이	평균어획량 자원상태	500 - 1,200 톤	32,000-44,000 톤 (태 평양, 대서양 포함) 총어획량 감소경향, 금 년의 친어 자원수준은 낮음. 호주의 급격한 어획량 증대는 앞으로 동자원 에 주의를 환기	
	MSY			

表 8. 계속

Table 8. Continued

어 종	구 분	대 서 양	인 도 양	태 평 양
새 치 류	MSY	-	-	-
	평균어획량	18,000-23,000 톤	6,000-12,000 톤	65,000 톤
	자원상태	흑색치 및 청색치의 자원 량이 근년에 감소	각종 모두 자원관리 의 상태에까지는 미 도달	흑색치의 자원수준이 상당히 저하
가 다 랭 이	MSY	-	-	-
	평균어획량	61,000-150,000 톤	30,000-39,000 톤	440,000-670,000 톤
	자원상태			이용자원은 전체적으로 여유가 있 으나, 선망의 증대에 주의가 필요

자료근거 : • 일본원양수산업연구소 다랭이자원현황 (1982).

• ICCAT 제 8 차정례회의 (1983).

Data Source : • Far Seas Fisheries Research Laboratory, Japan (1982).

• 8th ICCAT regular meeting (1983).

Ⅵ. 大洋別 海區別 魚種別 漁獲量 및 努力量

Catch and effort data by ocean

1980 年 大西洋 海區別 魚種別
漁獲量 및 努力量

1980 total catch and effort data
by statistical block ($5^{\circ} \times 5^{\circ}$) and
by species in the Atlantic Ocean

1980年 大西洋 海區別 魚種別 漁獲量 및 努力量

1980 total catch and effort data by statistical block (5°×5°)

單位：尾數

and by species in the Atlantic Ocean

Unit : No. of fish

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
80	6300000	64017	772	54	5	713	0	0	0	0	0	0	0	0
	6300005	12430	265	0	0	204	0	0	0	0	0	0	0	61
	6300015	568041	11277	1356	570	7861	0	258	0	0	0	0	206	1026
	6300020	511923	10582	1524	317	7808	0	441	2	0	0	0	153	337
	6300025	729599	14179	2729	460	9109	0	629	3	0	0	0	274	975
	6300030	121260	2265	941	105	980	0	11	0	0	0	0	119	109
	6300040	10205	76	30	37	7	0	0	0	0	0	0	0	0
	6305015	541896	13334	996	1592	9927	0	347	0	0	0	0	159	313
	6305020	907376	14815	1739	2946	9226	0	98	5	0	0	0	330	471
	6305025	570991	9977	825	1946	6592	0	220	2	0	0	0	140	244
	6305030	6607	43	15	28	0	0	0	0	0	0	0	0	0
	6310015	69125	1512	2	616	741	0	63	0	0	0	0	13	77
	6310020	104934	2489	45	1910	241	0	55	5	0	0	0	40	193
	6310025	95441	1284	248	455	426	0	7	0	0	0	0	16	132
	6400000	5954	177	17	0	145	0	0	0	0	0	0	3	12
	6400015	573437	12765	5685	732	4105	0	717	0	0	0	0	22	1504
	6400020	627968	9078	4362	533	2452	0	751	0	0	0	26	29	925
	6400025	495165	8037	4669	608	2070	138	222	0	0	0	0	39	341
	6400030	298981	4239	2124	341	1334	0	83	9	0	0	0	155	193
	6400035	231294	3712	1683	217	1100	0	56	0	0	0	9	27	620

YEAR	AREA	NG	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
80	6400040	93069	1544	840	153	377	0	0	18	0	0	31	24	101
	6400045	17205	573	238	41	5	0	0	14	0	0	0	0	275
	6405015	160897	2623	1398	65	709	0	0	134	0	0	26	32	259
	6405020	1005777	17286	9009	1551	4670	69	69	531	0	0	4	67	1385
	6405025	1285375	18673	10608	636	5673	69	69	603	0	0	26	89	969
	6405030	687870	10169	5474	746	2225	0	0	258	3	0	22	150	1291
	6405035	197741	3034	1219	254	1283	0	0	56	9	0	4	13	466
	6405040	386562	6588	3005	469	2778	0	0	75	4	0	0	63	194
	6405045	221575	4610	2239	544	984	0	0	38	0	0	0	16	789
	6405050	99931	1784	433	111	934	0	0	34	0	0	17	3	252
	6405055	19180	201	81	42	60	0	0	2	0	0	9	3	4
	6410015	249628	3909	2397	78	1122	0	0	64	0	0	0	8	240
	6410020	808990	14630	6702	151	4591	0	0	379	0	0	0	22	2785
	6410025	605532	9930	4691	441	3860	0	0	269	0	0	0	8	661
	6410030	202159	4519	777	547	1256	0	0	70	0	0	0	24	1845
	6410035	747736	15279	1837	879	11487	0	0	0	261	1	0	64	750
	6410040	631869	10938	2197	893	7581	0	0	129	10	0	0	97	31
	6410045	70367	1232	385	55	763	0	0	5	0	0	0	5	19
	6410050	89345	1354	814	188	271	0	0	20	0	0	0	6	55
	6410055	101937	1398	192	230	760	0	0	9	0	0	9	0	108

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
80	6410060	42883		490	203	69	30	0	5	0	27	0	0	156
	6410065	18406		197	79	87	7	0	5	0	0	0	0	19
	6415015	97036		1598	1183	97	252	0	30	0	0	0	5	31
	6415020	100621		1367	1005	37	256	0	41	0	0	0	5	43
	6415025	86400		2658	134	106	1823	0	27	0	0	0	81	487
	6415065	25684		315	136	115	17	0	5	0	0	0	3	39
	6420015	3279		34	2	5	5	0	0	0	0	0	5	17
	6420020	41786		553	443	28	45	0	25	0	0	0	0	12
	6420025	17568		1812	334	0	85	0	0	0	0	0	0	1393
	6420060	8064		234	5	221	2	0	2	0	0	0	0	4
	6420065	6822		213	5	202	2	0	0	0	0	0	0	4
	6425060	2534		75	7	64	0	0	0	0	0	0	0	4
	6425065	36819		1618	30	1538	2	0	2	0	0	0	0	46
	6430065	54232		1274	102	1142	12	0	2	0	0	4	0	12
	6430070	280459		6556	2124	4229	82	0	13	0	0	22	32	54
	TOTAL	15054102		270266	89372	29432	119050	276	6825	313	28	209	2558	22203

1980 年 大西洋 分期別 海區別 魚種別
漁獲量 及 努力量

Quarterly catch and effort data
by statistical block ($5^{\circ} \times 5^{\circ}$) and
by species in the Atlantic Ocean
for 1980

1980 年 大西洋 分期別 海區別 魚種別 漁獲量 努力量

單位：尾數

Unit: No. of fish

Quarterly catch and effort data by statistical block (5°×5°)

and by species in the Atlantic Ocean for 1980

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
1/4	6300000	8741	164	27	0	137	0	0	0	0	0	0	0	0
	6300005	2930	57	0	0	42	0	0	0	0	0	0	0	15
	6300015	85842	1552	119	147	1125	0	27	0	0	0	0	88	46
	6300020	35744	666	102	37	462	0	9	0	0	0	0	56	0
	6300025	322951	6503	1028	198	4364	0	554	0	0	0	0	185	174
	6300030	62962	978	443	41	374	0	0	0	0	0	0	46	74
	6305015	143933	2955	67	677	1989	0	89	0	0	0	0	102	31
	6305020	335465	5012	839	948	2856	0	89	0	0	0	0	145	135
	6305025	169795	2606	203	336	1886	0	77	0	0	0	0	89	15
	6305030	6607	43	15	28	0	0	0	0	0	0	0	0	0
	6305050	9388	67	25	23	2	0	0	0	0	0	17	0	0
	6305055	15647	167	79	37	35	0	0	0	0	0	9	3	4
	6310015	44507	948	2	156	741	0	36	0	0	0	0	13	0
	6310025	3308	28	10	18	0	0	0	0	0	0	0	0	0
	6310050	4723	118	64	0	47	0	0	0	0	0	0	3	4
	6310055	6259	50	22	9	2	0	0	0	0	0	9	0	8
	6320060	8064	234	5	221	2	0	2	0	0	0	0	0	4
	6320065	6822	213	5	202	2	0	0	0	0	0	0	0	4
	6325060	2534	75	7	64	0	0	0	0	0	0	0	0	4
	6325065	36819	1618	30	1538	2	0	2	0	0	0	0	0	46

QUAR	AREA	NO	HOOKS	TOTAL	YFI	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
1/4	6330065	54252		1274	102	1142	12	0	2	0	0	4	0	12
	6330070	280459		6556	2124	4229	82	0	13	0	0	22	32	54
	6400000	5954		177	17	0	145	0	0	0	0	0	3	12
	6400015	123207		1331	1421	14	254	0	27	0	0	0	3	162
	6400020	286101		4795	2550	202	1517	0	337	0	0	26	8	155
	6400025	41609		598	363	101	87	0	14	0	0	0	13	20
	6400030	75605		1614	639	32	903	0	36	0	0	0	0	4
	6400035	10939		235	136	19	32	0	0	0	0	9	27	12
	6400040	24051		486	195	37	206	0	12	0	0	31	3	12
	6405015	17574		309	173	0	87	0	7	0	0	26	16	0
	6405020	689317		12837	6947	1390	3209	69	289	0	0	4	32	897
	6405025	521492		9272	5435	350	2509	69	373	0	0	26	49	461
	6405030	81712		1629	599	92	781	0	45	0	0	22	48	42
	6405035	5548		105	49	5	34	0	5	0	0	4	0	8
	6405040	5502		110	42	0	65	0	0	0	0	0	3	0
	6405045	4608		114	59	0	47	0	0	0	0	0	0	8
TOTAL				3549131	66046	23943	24038	138	2035	0	0	269	967	2423

분기 QUAR	해역 AREA	어선 NO	낚시수 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
2/4	6300015	338378	7890	877	5584	0	190	0	0	0	0	0	40	964
	6300020	290746	6698	770	5187	0	266	0	0	0	0	0	67	271
	6300025	55719	1057	332	528	0	5	0	0	0	0	0	8	120
	6300030	19651	453	255	175	0	11	0	0	0	0	0	3	0
	6305015	148260	4407	454	3501	0	89	0	0	0	0	0	13	240
	6305020	44524	838	304	427	0	2	0	0	0	0	0	8	23
	6400015	332979	8974	3392	3220	0	598	0	0	0	0	0	16	1191
	6400020	208075	2061	936	566	0	321	0	0	0	0	0	21	70
	6400025	302463	5221	3352	978	138	181	0	0	0	0	0	26	58
	6400030	17973	125	102	0	0	0	0	0	0	0	0	0	0
	6400035	44372	643	391	140	0	27	0	0	0	0	0	0	39
	6400040	6572	201	156	2	0	0	0	0	0	0	0	0	66
	6400045	8865	205	102	5	0	9	0	0	0	0	0	0	66
	6405015	52535	599	217	204	0	116	0	0	0	0	0	0	39
	6405020	120238	2537	953	1134	0	68	0	0	0	0	0	35	264
	6405025	556539	6562	3659	2307	0	120	0	0	0	0	0	32	213
	6405030	198726	3008	1498	559	0	54	0	0	0	0	0	21	623
	6405035	60417	946	502	197	0	27	0	0	0	0	0	0	82
	6405045	13144	481	144	2	0	2	0	0	0	0	0	0	66
	6405050	15542	169	109	20	0	0	0	0	0	0	0	0	8

분기	매	영	구	나	시	수	개	와	다	라	이	가	다	라	이	양	사	대	시	도	대	시	기	타
QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS										
3/4	6300015	45554	618	184	68	354	0	0	0	0	0	0	0	12										
	6300025	66522	1147	230	74	798	0	0	38	0	0	0	3	4										
	6300040	10205	76	30	37	7	0	0	2	0	0	0	0	0										
	6305015	117318	2232	270	207	1686	0	0	34	0	0	0	5	30										
	6305020	204393	3569	252	290	2925	0	0	36	0	0	0	16	50										
	6305025	51062	876	15	18	786	0	0	14	0	0	0	0	43										
	6400015	49167	872	292	106	474	0	0	0	0	0	0	0	0										
	6400020	105023	2091	832	166	327	0	0	66	0	0	0	0	700										
	6400025	49801	657	446	14	177	0	0	0	0	0	0	0	0										
	6400035	24796	236	57	0	140	0	0	0	0	0	0	0	39										
	6400040	51634	642	412	65	112	0	0	14	0	0	0	16	23										
	6400045	8340	368	136	18	0	5	0	0	0	0	0	0	209										
	6405015	66369	1095	679	37	334	0	0	9	0	0	0	13	23										
	6405020	196222	1783	1109	78	327	0	0	45	0	0	0	0	224										
	6405025	111710	1413	820	87	214	0	0	72	0	0	0	3	217										
	6405030	91126	1519	1005	101	222	0	0	47	0	0	0	5	139										
	6405035	54347	904	302	88	402	0	0	20	9	0	0	13	70										
	6405040	177069	2848	1419	382	895	0	0	32	0	0	0	54	66										
	6405045	150029	2934	1684	221	299	0	0	25	0	0	0	13	692										
	6405050	18015	411	89	10	92	0	0	11	0	0	0	0	209										

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUN	WTM	SAI	OTB	OTHERS
314	6405055	3513	34	2	5	25	0	0	2	0	0	0	0	0
	6410015	225933	3372	2397	69	603	0	0	59	0	0	0	8	236
	6410020	523308	9850	5390	55	1751	0	0	168	0	0	0	22	2464
	6410025	266472	4024	2975	55	718	0	0	23	0	0	0	5	248
	6410030	140843	3738	510	529	840	0	0	68	0	0	0	19	1822
	6410035	729701	14805	1711	856	11245	0	0	252	1	0	0	13	727
	6410040	517798	9119	1932	787	6309	0	0	66	10	0	0	3	12
	6410045	9958	95	9	14	72	0	0	0	0	0	0	0	0
	6410050	32331	338	124	32	167	0	0	4	0	0	0	3	8
	6410055	15228	281	22	14	232	0	0	9	0	0	0	0	4
	6410060	19174	349	134	37	10	0	0	5	0	27	0	0	136
	6415015	87035	1524	1170	97	207	0	0	25	0	0	0	0	19
	6415020	90702	1346	1003	32	234	0	0	34	0	0	0	0	43
	6420020	41766	553	443	28	45	0	0	25	0	0	0	0	12
	6420025	17588	1812	334	0	85	0	0	0	0	0	0	0	1393
TOTAL		4370232	77501	28425	4677	33114	5	1205	20	27	0	214	9874	

QUAR	AREA	NO	HOURS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
4/4	6700000	55276	608	27	5	576	0	0	0	0	0	0	0	0
	6800000	9500	208	0	0	162	0	0	0	0	0	0	0	46
	6900000	98207	1217	176	120	798	0	41	0	0	0	0	78	4
	6800000	185433	3218	652	143	2159	0	166	2	0	0	0	30	66
	6700000	284407	5472	1139	124	3419	0	32	3	0	0	0	78	677
	6800000	30647	834	243	55	431	0	0	0	0	0	0	70	35
	6805015	132306	3740	205	598	2751	0	142	0	0	0	0	32	12
	6805020	322094	5525	344	1634	3010	0	100	5	0	0	0	161	263
	6805025	350134	6495	607	1592	3920	0	129	2	0	0	0	59	186
	6810015	24678	564	0	460	0	0	0	27	0	0	0	0	77
	6310020	104934	2489	45	1910	241	0	0	55	5	0	0	40	193
	6810025	52133	1256	236	437	426	0	0	7	0	0	0	16	132
	6400015	60084	1036	580	55	157	0	0	92	0	0	0	3	151
	6400020	20609	131	44	18	42	0	0	27	0	0	0	0	0
	6400025	101212	1631	502	5	828	0	0	27	0	0	0	0	263
	6400030	205323	2500	1383	286	431	0	0	47	9	0	0	155	189
	6400035	143187	2598	1099	152	788	0	0	29	0	0	0	0	530
	6400040	10832	155	77	14	57	0	0	2	0	0	0	5	0
	6405015	24399	620	329	5	84	0	0	2	0	0	0	3	197
	6405025	95634	1486	694	28	643	0	0	38	0	0	0	5	78

	QUAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
날기 해 일			나시수	개	와다래이	나개다래이	부다래이	가다래이	와사래이	노새치	배새치	도새치	기파새치	기타
4/4	6405030	316246	4013	2372	300	663	0	112	3	0	0	0	76	487
	6405035	77429	1129	366	23	650	0	4	0	0	0	0	0	86
	6405040	205991	3630	1544	87	1818	0	43	4	0	0	0	6	128
	6405045	53794	1081	352	56	636	0	11	0	0	0	0	3	23
	6405050	56986	1137	210	46	820	0	23	0	0	0	0	3	35
	6410015	3089	14	0	9	5	0	0	0	0	0	0	0	0
	6410020	21594	281	57	0	224	0	0	0	0	0	0	0	0
	6410025	170886	3561	708	368	2043	0	149	0	0	0	0	3	290
	6410030	32741	311	156	18	107	0	12	0	0	0	0	5	23
	6410035	18035	474	126	23	242	0	9	0	0	0	0	51	23
	6410040	114071	1819	265	106	1272	0	63	0	0	0	0	94	19
	6410045	60429	1137	376	41	691	0	5	0	0	0	0	5	19
	6410055	41094	812	69	78	506	0	0	0	0	0	0	0	159
	6415015	10001	74	7	0	45	0	5	0	0	0	0	5	12
	6415020	9919	41	2	5	22	0	7	0	0	0	0	5	0
	6415025	51295	1612	77	106	1259	0	0	0	0	0	0	81	89
	6420015	3279	34	2	5	5	0	0	0	0	0	0	5	17
TOTAL		3623078	62945	15079	8912	31939	0	1396	33	0	0	0	1077	4509

1980 年 大西洋 月別 海區別 魚種別

漁獲量 및 努力量

Monthly catch and effort data

by statistical block ($5^{\circ} \times 5^{\circ}$) and

by species in the Atlantic Ocean

for 1980

1980 年 大西洋 月別 海區別 魚種別 漁獲量 및 努力量

單位 : 尾數

Unit : No. of fish

Monthly catch and effort data by statistical block ($5^{\circ} \times 5^{\circ}$) and by species in the Atlantic Ocean for 1980

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
1	6300000	6741	164	27	0	137	0	0	0	0	0	0	0	0
	6300005	2930	57	0	0	42	0	0	0	0	0	0	0	15
	6300020	27051	529	102	23	352	0	9	0	0	0	0	43	0
	6300025	315532	6266	966	184	4229	0	536	0	0	0	0	185	166
	6300030	62962	978	443	41	374	0	0	0	0	0	0	46	74
	6305015	46779	1068	62	115	805	0	5	0	0	0	0	81	0
	6305020	92258	1357	701	64	524	0	14	0	0	0	0	54	0
	6305025	147541	2157	198	285	1514	0	72	0	0	0	0	73	15
	6305030	6607	43	15	28	0	0	0	0	0	0	0	0	0
	6310025	3308	28	10	18	0	0	0	0	0	0	0	0	0
	6400000	5954	177	17	0	145	0	0	0	0	0	0	3	12
	6400020	51031	1035	220	46	676	0	54	0	0	0	0	0	39
	6400025	13197	160	106	14	27	0	0	0	0	0	0	5	8
	6400030	60041	1402	582	18	766	0	36	0	0	0	0	0	0
	6400035	9568	99	67	5	7	0	0	0	0	0	0	16	4
	6400040	6607	42	27	5	2	0	0	0	0	0	0	0	8
	6405020	17577	495	218	244	25	0	0	0	0	0	0	0	8
	6405025	14374	228	171	9	35	0	2	0	0	0	0	3	8
	6430070	181675	4204	1733	2347	57	0	11	0	0	0	0	21	35
TOTAL		1081733	20489	5665	3446	9717	0	739	0	0	0	0	530	392

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
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2	6300015	40566	762	0	55	651	0	0	0	0	0	56	0
	6300020	8693	137	0	14	110	0	0	0	0	0	13	0
	6305015	63052	1015	5	106	820	0	79	0	0	0	5	0
	6305020	135028	929	2	83	776	0	9	0	0	0	59	0
	6305025	22254	449	5	51	372	0	5	0	0	0	16	0
	6310015	44507	948	2	156	741	0	36	0	0	0	13	0
	6400015	42885	509	337	0	167	0	2	0	0	0	3	0
	6400020	67456	916	654	0	200	0	25	0	0	26	3	8
	6400025	11822	122	69	9	30	0	5	0	0	0	5	4
	6400030	7644	212	57	14	137	0	0	0	0	0	0	4
	6400035	9371	136	69	14	25	0	0	0	0	9	11	8
	6400040	17444	444	168	32	204	0	2	0	0	31	3	4
	6405015	14256	262	146	0	72	0	2	0	0	26	16	0
	6405020	274978	4874	2894	32	1259	69	151	0	0	4	5	460
	6405025	198363	2934	1810	106	828	0	59	0	0	26	8	97
	6405030	66413	1318	470	28	706	0	34	0	0	22	43	15
	6405035	3129	42	22	5	7	0	0	0	0	4	0	4
	6405040	3003	45	5	0	40	0	0	0	0	0	0	0
	6405050	9368	67	25	23	2	0	0	0	0	17	0	0
	6405055	15647	167	79	37	35	0	0	0	0	9	3	4
	6410055	0259	50	22	9	2	0	0	0	0	9	0	8
	6430065	48722	1034	97	907	12	0	2	0	0	4	0	12

6430070	98764	2352	391	0	1882	25	0	2	0	0	22	11	19
TOTAL	1203744	19724	7329	7221	3563	413	69	0	0	0	209	273	647

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
3	6300015	45276		790	119	92	474	0	27	0	0	0	32	46
	6300025	7419		237	62	14	135	0	18	0	0	0	0	8
	6305015	34101		872	0	456	364	0	5	0	0	0	16	31
	6305020	106179		2726	136	801	1556	0	66	0	0	0	32	135
	6400015	80322		1372	1084	14	27	0	25	0	0	0	0	162
	6400020	167694		2844	1676	156	641	0	258	0	0	0	5	108
	6400025	16590		316	188	78	30	0	9	0	0	0	3	8
	6405015	3318		47	27	0	15	0	5	0	0	0	0	0
	6405020	396762		7468	3835	1114	1925	0	138	0	0	0	27	429
	6405025	308755		6110	3454	235	1646	69	312	0	0	0	36	356
	6405030	15299		311	129	64	75	0	11	0	0	0	5	27
	6405035	2419		63	27	0	27	0	5	0	0	0	0	4
	6405040	2419		65	37	0	25	0	0	0	0	0	3	0
	6405045	4608		114	59	0	47	0	0	0	0	0	0	8
	6410050	4723		118	64	0	47	0	0	0	0	0	3	4
	6420060	8064		234	5	221	2	0	2	0	0	0	0	4
	6420065	6822		213	5	202	2	0	0	0	0	0	0	4
	6425060	2534		75	7	64	0	0	0	0	0	0	0	4
	6425065	36819		1618	30	1538	2	0	2	0	0	0	0	46
	6430065	5530		240	5	235	0	0	0	0	0	0	0	0
TOTAL		1257653		25833	10949	5284	7100	69	883	0	0	0	164	1384

월 MONTH	영역 AREA	이 NO	나 HOOPS	수 TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	기 OTHERS
4	6300015	200851	3548	322	74	2890	0	86	0	0	0	21	155	
	6300020	81134	1995	146	18	1763	0	0	0	0	0	64	4	
	6300025	11448	169	0	9	157	0	0	0	0	0	3	0	
	6305015	67002	1852	181	18	1606	0	27	0	0	0	8	12	
	6305020	10990	202	40	9	145	0	0	0	0	0	8	0	
	6400015	190688	2572	1265	129	691	0	402	0	0	0	0	85	
	6400020	196806	2007	936	147	539	0	310	0	0	0	5	70	
	6400025	160396	2004	849	129	711	138	156	0	0	0	13	8	
	6400030	17973	125	102	23	0	0	0	0	0	0	0	0	
	6405015	33518	246	106	23	92	0	5	0	0	0	0	0	
	6405020	77426	1036	297	5	673	0	57	0	0	0	0	4	
	6405025	180907	1915	755	28	1032	0	0	0	0	0	11	89	
	6410015	20606	523	0	0	514	0	5	0	0	0	0	4	
	6410020	0479	57	27	18	7	0	5	0	0	0	0	0	
	6410055	39356	255	79	129	20	0	0	0	0	0	0	27	
	6410060	11219	48	12	23	5	0	0	0	0	0	0	8	
	TOTAL	1312799	18534	5117	782	10845	138	1053	0	0	0	133	466	

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
5	6300015	116783		3100	218	83	2312	0	104	0	0	0	19	364
	6300020	65502		1400	136	18	1027	0	38	0	0	0	3	178
	6300025	41907		829	332	46	344	0	5	0	0	0	5	97
	6300030	19651		453	255	9	175	0	11	0	0	0	3	0
	6305015	73811		2235	50	69	1845	0	57	0	0	0	5	209
	6305020	4930		33	7	5	15	0	2	0	0	0	0	4
	6400015	53294		1629	812	152	449	0	115	0	0	0	16	85
	6400020	11269		54	0	0	27	0	11	0	0	0	16	0
	6400025	66460		652	386	78	115	0	25	0	0	0	13	35
	6400035	44372		643	391	46	140	0	27	0	0	0	0	39
	6405015	19017		373	111	0	112	0	111	0	0	0	0	39
	6405020	30638		699	57	37	344	0	9	0	0	0	35	217
	6405025	240119		3345	2075	115	988	0	86	0	0	0	21	58
	6405030	19017		454	255	0	160	0	18	0	0	0	21	0
	6405035	31695		579	391	92	57	0	0	0	0	0	0	39
	6405050	15542		169	109	32	20	0	0	0	0	0	0	8
	6410020	75358		949	290	9	544	0	52	0	0	0	0	54
	6410025	103242		1731	703	18	845	0	61	0	0	0	0	104
	6410030	28525		420	111	0	309	0	0	0	0	0	0	0
	6410060	12490		93	57	9	15	0	0	0	0	0	0	12
	6410065	18406		197	79	87	7	0	5	0	0	0	0	19
	6415065	25684		315	136	115	17	0	5	0	0	0	3	39
	TOTAL	1120712		20352	6961	1020	9867	0	744	0	0	0	160	1600

월 MONTH	해 AREA	여 NO	나 HOOKS	이 TOTAL	개 YFI	와 ALB	다 BET	래 SKJ	이 SWO	개 BUM	배 WTM	새 SAI	기 OTB	기 OTHERS
6	6300015	20744	1242	337	78	382	0	0	0	0	0	0	0	445
	6300020	144110	3303	488	101	2397	0	228	0	0	0	0	0	89
	6300025	2364	59	0	9	27	0	0	0	0	0	0	0	23
	6305015	7447	320	223	23	50	0	5	0	0	0	0	0	19
	6305020	28604	603	257	60	267	0	0	0	0	0	0	0	19
	6400015	88997	4773	1315	276	2080	0	81	0	0	0	0	0	1021
	6400025	69607	2505	2117	281	152	0	0	0	0	0	0	0	15
	6400040	6572	261	156	37	2	0	0	0	0	0	0	0	66
	6400045	8865	205	102	23	5	0	9	0	0	0	0	0	66
	6405020	12174	802	599	41	117	0	2	0	0	0	0	0	43
	6405025	132513	1242	829	28	287	0	32	0	0	0	0	0	66
	6405030	179709	2554	1243	253	399	0	36	0	0	0	0	0	623
	6405035	28722	367	111	46	140	0	27	0	0	0	0	0	43
	6405045	13144	401	144	267	2	0	2	0	0	0	0	0	66
	6410020	182251	3493	938	69	2065	0	154	0	0	0	0	0	267
	6410025	64932	614	305	0	254	0	36	0	0	0	0	0	19
	6410050	52291	898	626	156	57	0	16	0	0	0	0	0	43
	6415025	35105	1046	57	0	564	0	27	0	0	0	0	0	398
	TOTAL	1076151	24828	9847	1748	9247	0	655	0	0	0	0	0	3331

월 MONTH	해역 AREA	나시수 NO	총 HOOKS	개 TOTAL	와다래이 YFI	나개다래이 ALB	부다래이 BCT	가다래이 SKJ	와사시 SWO	노새시 BUM	배새시 WTM	노새시 SAI	가타새시 OTB	기타 OTHERS
7	6300015	13049	189	3	9	177	0	0	0	0	0	0	0	0
	6300025	3404	7	2	0	5	0	0	0	0	0	0	0	0
	6305015	57257	1025	17	46	915	0	27	0	0	0	0	5	15
	6305020	100750	2053	27	138	1840	0	25	0	0	0	0	2	15
	6305025	51062	876	15	18	786	0	14	0	0	0	0	0	43
	6400020	47998	1392	532	37	102	0	25	0	0	0	0	0	696
	6400025	49881	637	440	14	177	0	0	0	0	0	0	0	0
	6400040	7149	80	65	5	7	0	0	0	0	0	0	3	0
	6400045	8340	368	136	18	0	0	5	0	0	0	0	0	209
	6405020	78147	919	438	46	269	0	27	0	0	0	0	0	139
	6405025	62953	872	503	55	127	0	45	0	0	0	0	3	139
	6405030	62827	571	413	60	70	0	9	0	0	0	0	0	19
	6405035	13616	117	27	0	90	0	0	0	0	0	0	0	0
	6405040	7217	134	17	0	107	0	2	0	0	0	0	0	8
	6405045	86904	2162	1201	175	92	0	20	0	0	0	0	5	669
	6405050	7863	319	79	5	15	0	11	0	0	0	0	0	209
	6405055	3513	34	2	5	25	0	2	0	0	0	0	0	0
	6410015	42211	632	260	0	125	0	38	0	0	0	0	0	209
	6410020	315773	6753	3417	5	1065	0	88	0	0	0	0	19	2159
	6410025	104097	1725	1141	5	342	0	23	0	0	0	0	5	209

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
7	6410030	35970	2334	307	46	197	0	32	0	0	0	11	1741
	6410035	96086	2822	151	92	2160	0	66	0	0	0	5	348
	6410040	79933	1590	149	32	1409	0	0	0	0	0	0	0
	6410045	6808	88	7	14	67	0	0	0	0	0	0	0
	6410050	10212	171	50	32	87	0	2	0	0	0	0	0
	6410055	15228	281	22	14	232	0	9	0	0	0	0	4
	6410060	9531	199	57	0	5	0	5	0	0	0	0	132
	6420025	17588	1812	334	0	25	0	0	0	0	0	0	1393
TOTAL		1397367	30162	9816	871	10578	0	475	0	0	0	64	8356

월 MONTH	해 AREA	연 NC	시 HOOKS	총 TOTAL	YFI	오 ALB	나 개 다 배 이 L	부 다 배 이 BET	가 다 배 이 SKJ	와 다 배 이 SWO	보 다 배 이 BUM	배 다 배 이 WTM	도 다 배 이 SAI	기 다 배 이 OTB	기 다 배 이 OTHERS
8	6300015	15974	245	77	41	115	0	0	0	0	0	0	0	0	12
	6300025	63118	1140	228	74	793	0	0	0	0	0	0	0	3	4
	6300040	10205	76	30	37	7	0	0	0	0	0	0	0	0	0
	6305015	60061	1207	253	161	771	0	0	0	0	0	0	0	0	15
	6305020	163643	1516	225	152	1085	0	0	0	0	0	0	0	8	35
	6400015	10596	361	10	32	319	0	0	0	0	0	0	0	0	0
	6400020	15974	330	129	37	160	0	0	0	0	0	0	0	0	4
	6400040	44485	562	347	60	105	0	0	0	0	0	0	0	13	23
	6405015	35337	656	327	37	247	0	0	0	0	0	0	0	13	23
	6405020	13340	192	116	32	40	0	0	0	0	0	0	0	0	4
	6405025	23961	333	178	32	57	0	0	0	0	0	0	0	0	39
	6405030	9762	190	62	41	67	0	0	0	0	0	0	0	5	4
	6405035	26956	577	193	60	212	0	0	0	0	9	0	0	13	70
	6405040	98105	1718	867	262	454	0	0	0	0	0	0	0	54	58
	6405045	53319	666	406	37	187	0	0	0	0	0	0	0	8	23
	6405050	10152	92	10	5	77	0	0	0	0	0	0	0	0	0
	6410015	180508	2698	2117	69	461	0	0	0	0	0	0	0	8	27
	6410020	138958	2131	1297	41	496	0	0	0	0	0	0	0	3	228
	6410025	41931	668	485	32	112	0	0	0	0	0	0	0	0	39
	6410030	20619	513	97	60	319	0	0	0	0	0	0	0	8	4

MONTH	AREA	NC	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
8	6410035	309662	7730	921	295	6090	0	161	0	0	0	0	8	255
	6410040	211748	4711	691	83	3863	0	59	0	0	0	0	3	12
	6410045	3150	7	2	0	5	0	0	0	0	0	0	0	0
	6410050	22119	167	74	0	80	0	2	0	0	0	0	3	8
	6415015	80446	1482	1159	97	187	0	20	0	0	0	0	0	19
	6415020	80818	1300	973	32	227	0	29	0	0	0	0	0	39
	TOTAL	1744927	31268	11274	1809	16536	0	545	9	0	0	0	150	945

월 MONTH	해 AREA	연 NO	가 HOOKS	개 TOTAL	외 YFI	나 개 ALB	다 개 BET	가 다 개 SKJ	외 개 SWO	노 개 SUM	배 개 WTM	노 개 SAI	기 타 개 OTB	기 타 개 OTHERS
9	6300015	16531	184	104	18	62	0	0	0	0	0	0	0	0
	6400015	36571	511	282	74	155	0	0	0	0	0	0	0	0
	6400020	41051	369	171	92	65	0	0	41	0	0	0	0	0
	6400035	24796	236	57	0	140	0	0	0	0	0	0	0	39
	6405015	31052	439	352	0	87	0	0	0	0	0	0	0	0
	6405020	104735	672	555	0	18	0	0	18	0	0	0	0	81
	6405025	24796	238	139	0	30	0	0	0	0	0	0	0	39
	6405030	18597	758	530	0	85	0	0	27	0	0	0	0	116
	6405035	13775	210	82	28	100	0	0	0	0	0	0	0	0
	6405040	71747	996	535	120	334	0	0	7	0	0	0	0	0
	6405045	7806	106	77	9	20	0	0	0	0	0	0	0	0
	6410015	3214	42	20	0	17	0	0	5	0	0	0	0	0
	6410020	60577	906	676	9	190	0	0	14	0	0	0	0	77
	6410025	120444	1631	1349	18	264	0	0	0	0	0	0	0	0
	6410030	84254	941	106	423	324	0	0	11	0	0	0	0	77
	6410035	323953	4253	639	469	2995	0	0	25	1	0	0	0	124
	6410040	226137	2818	1092	672	1037	0	0	7	10	0	0	0	0
	6410060	9643	150	77	37	5	0	0	0	0	27	0	0	4
	6415015	0589	42	17	0	20	0	0	5	0	0	0	0	0
	6415020	9884	46	30	0	7	0	0	5	0	0	0	0	4
9	6420020	41786	553	443	28	45	0	0	25	0	0	0	0	12
TOTAL		1267938	16131	7333	1997	6000	0	0	190	11	27	0	0	573

월 MONTH	매 AREA	이 NO	개 HOOKS	개 TOTAL	와타레이 YFT	나카타레이 ALB	와타레이 BET	와타레이 SKJ	와타레이 SWO	노새시 BUM	노새시 WTM	노새시 SAI	노새시 OTB	기 타 OTHERS
10	6300000	55276	608	27	5	576	0	0	0	0	0	0	0	0
	6300005	9500	208	0	0	162	0	0	0	0	0	0	0	46
	6300015	57843	664	57	78	469	0	9	0	0	0	0	51	0
	6300025	26350	722	82	55	526	0	7	0	0	0	0	40	12
	6300030	38647	834	243	55	431	0	0	0	0	0	0	70	35
	6305015	4037	497	0	46	414	0	25	0	0	0	0	0	12
	6305020	65512	870	109	419	125	0	27	0	0	0	0	78	112
	6400015	46015	760	441	9	157	0	38	0	0	0	0	3	112
	6400020	16723	64	17	9	20	0	18	0	0	0	0	0	0
	6400025	66533	1115	312	5	574	0	0	0	0	0	0	0	224
	6400030	82797	1173	740	5	299	0	0	0	0	0	0	21	108
	6400035	82212	1775	755	92	479	0	0	0	0	0	0	0	449
	6405015	18094	373	302	5	57	0	2	0	0	0	0	3	4
	6405025	10601	46	15	14	7	0	2	0	0	0	0	0	8
	6405030	92983	1217	681	152	142	0	57	0	0	0	0	3	182
	6405035	6432	82	54	0	22	0	2	0	0	0	0	0	4
	6405040	17075	311	215	37	10	0	11	0	0	0	0	3	35
	6405045	39525	657	253	28	339	0	11	0	0	0	0	3	23
	6405050	56986	1137	210	46	820	0	23	0	0	0	0	3	35
	6410030	32791	311	156	18	107	0	2	0	0	0	0	5	23

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTM	SAI	OTB	OTHERS
10	6410035	18035		474	126	23	242	0	9	0	0	0	51	23
	6410040	114071		1819	265	106	1272	0	63	0	0	0	94	19
	6410045	60429		1137	376	41	691	0	5	0	0	0	5	19
	6410055	41094		812	69	78	506	0	0	0	0	0	0	159
	6415015	10001		74	7	0	45	0	5	0	0	0	5	12
	6415020	9919		41	2	5	22	0	7	0	0	0	5	0
	6415025	51295		1612	77	106	1259	0	0	0	0	0	81	89
	6420015	3279		34	2	5	5	0	0	0	0	0	5	17
	TOTAL	1136135		19427	5593	1442	9778	0	323	0	0	0	529	1762

월	매	영	나	수	개	과	다	래	이	부	다	래	이	와	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이	부	다	래	이</
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월	매	영	구	나	시	수	총	액	과	다	래	이	부	오	래	이	가	다	래	이	와	새	지	도	새	지	배	새	지	도	새	지	기	타
MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	WTN	SAI	OTB	OTHERS																				
12	6300015	20017	169	15	5	117	0	32	0	0	0	0	0	0																				
	6300020	133122	2240	243	92	1678	0	161	0	0	0	0	0	66																				
	6300025	20044	194	12	5	122	0	9	0	0	0	0	0	46																				
	6305015	98439	2723	188	460	1950	0	106	0	0	0	0	19	0																				
	6305020	146803	3162	205	630	2200	0	50	0	0	0	0	16	81																				
	6305025	284082	5120	587	1445	2748	0	111	0	0	0	0	43	186																				
	6310015	24678	564	0	460	0	0	27	0	0	0	0	0	77																				
	6310020	14110	407	0	189	204	0	14	0	0	0	0	0	0																				
	6310025	92133	1256	238	437	426	0	7	0	0	0	0	16	132																				
	6400020	2998	10	5	0	5	0	0	0	0	0	0	0	0																				
	6400030	3519	12	7	5	0	0	0	0	0	0	0	0	0																				
	6400040	5484	77	25	5	47	0	0	0	0	0	0	0	0																				
	6405025	62884	1019	540	14	354	0	36	0	0	0	0	5	70																				
	6405030	105659	1555	985	28	232	0	32	0	0	0	0	27	251																				
	6405035	57788	893	198	0	621	0	0	0	0	0	0	0	74																				
	6405040	113866	1802	678	18	1005	0	5	0	0	0	0	3	93																				
	6410015	3089	14	0	9	5	0	0	0	0	0	0	0	0																				
	6410020	21594	281	57	0	224	0	0	0	0	0	0	0	0																				
	6410025	120444	2679	540	322	1479	0	122	0	0	0	0	3	213																				
TOTAL		1330773	24197	4523	4124	13417	0	712	0	0	0	0	132	1289																				

1980 年 印度洋 海區別 魚種別
漁獲量 及 努力量

1980 total catch and effort data
by statistical block ($5^{\circ} \times 5^{\circ}$) and
by species in the Indian Ocean

1980 年 印度洋 海區別 魚種別 漁獲量 및 努力量 1980 total catch and effort data by statistical block (5°× 5°) and by species in the Indian Ocean

單位：尾數

Unit : No. of fish

YEAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	UM	STM	SAI	SHARKS	OTB	OTHERS
80	6100040	51220	721	258	20	372	0	1	10	3	2	3	9	43
	6100045	197910	3178	1242	60	1597	0	14	62	19	24	16	12	132
	6100050	1468028	17952	5108	88	10700	10	66	204	214	41	86	81	1354
	6100055	2466362	32875	8924	301	20469	92	179	400	161	64	398	263	1624
	6100060	2331676	30322	9497	320	16398	48	225	541	133	96	266	178	2620
	6100065	2086601	26609	9186	428	14391	40	93	320	80	89	159	130	1693
	6100070	261512	3676	1617	52	1622	2	12	43	8	25	55	30	210
	6100075	1728647	21299	6638	51	12481	2	104	339	91	151	131	121	1190
	6100080	463018	5251	1546	28	3070	0	17	114	49	10	27	111	279
	6100085	370020	4154	1118	21	2583	5	7	45	39	21	18	25	272
	6100090	304151	2987	460	2	2292	10	15	19	12	21	45	20	91
	6100095	70946	1249	127	0	1063	0	1	1	4	2	22	4	25
	6105045	41820	418	120	1	270	0	0	1	4	2	4	0	16
	6105050	250835	2938	433	0	2088	3	10	42	34	1	35	11	281
	6105055	775857	16298	964	59	7067	102	76	136	71	8	152	35	1628
	6105060	1502965	15614	1579	26	11117	126	88	268	99	21	163	76	2051
	6105065	1443626	16911	1929	71	11841	33	64	240	101	40	90	66	2436
	6105070	145258	3010	282	26	2517	0	10	27	12	9	18	3	106
	6105075	192747	3249	151	3	2831	0	10	63	9	24	21	12	125
	6105080	26680	229	50	0	104	0	1	1	4	3	0	4	62

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	UT6	OTHERS
80	6105085	62859		196	55	0	87	0	1	4	5	1	0	2	41
	6105090	46841		413	136	8	186	22	6	4	0	5	3	11	30
	6105095	3000		23	7	2	12	0	0	1	0	0	0	0	1
	6105105	14038		101	34	1	64	0	0	0	0	0	0	2	0
	6110040	12720		168	91	38	30	0	0	1	1	0	2	0	5
	6110045	9440		58	25	14	9	7	0	0	0	0	0	0	3
	6110050	12800		119	10	65	15	0	0	3	0	0	0	0	26
	6110055	19200		199	80	37	35	8	0	2	0	0	0	0	37
	6110060	3133		18	0	0	8	0	0	1	0	0	0	0	9
	6110070	6150		96	55	4	35	0	0	0	0	0	0	0	2
	6110080	149872		2034	1565	0	15	0	38	130	37	41	6	17	185
	6110085	196982		1781	1019	0	48	0	49	16	79	40	5	15	510
	6110090	47600		617	457	0	26	0	11	5	14	7	3	4	90
	6110100	2616		12	2	7	2	0	0	1	0	0	0	0	0
	6110105	11845		72	20	0	48	0	0	1	0	1	0	0	2
	6115065	16000		123	50	15	15	5	0	2	0	0	0	0	36
	6115070	12800		125	0	35	58	8	0	4	0	0	0	0	20
	6115080	39850		412	278	0	0	0	10	6	17	24	2	4	71
	6115085	105630		1183	871	0	0	0	28	7	34	29	5	23	186
	6120035	1910		13	7	3	3	0	0	0	0	0	0	0	0

YEAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
80	6200040	299430	2889	707	40	1786	5	13	23	28	0	17	16	252
	6200045	707168	7840	2586	124	4286	9	47	62	90	13	64	17	542
	6200050	1146076	15377	5105	44	8804	93	69	109	115	85	120	86	747
	6200055	855189	13469	4605	105	7615	12	92	89	69	50	93	51	688
	6200060	1345104	17112	6925	426	7910	18	125	300	114	65	152	88	989
	6200065	1342138	16390	6433	295	7732	23	102	204	103	90	153	76	1177
	6200070	1200320	16810	6776	215	7956	6	103	187	53	48	165	79	1222
	6200075	2246782	25635	9038	331	13580	8	146	268	101	113	126	127	1797
	6200080	636927	5904	2080	92	3156	2	27	53	40	34	23	61	336
	6200085	476926	4626	1678	69	2317	0	20	66	28	14	15	36	383
	6200090	364712	3144	918	25	1913	2	11	39	16	29	6	39	146
	6200095	403561	5645	1536	64	3728	2	16	39	9	8	15	69	159
	6200100	8250	90	19	1	65	0	0	1	0	1	0	0	3
	6205040	1508821	19573	7114	617	10092	5	50	141	115	20	85	106	1226
	6205045	1303879	17942	6625	226	9788	1	62	109	143	26	77	53	832
	6205050	1177683	16115	7031	298	7758	12	52	85	79	83	53	113	551
	6205055	1077334	16285	6518	436	8535	0	45	106	55	36	42	96	416
	6205060	1322757	16122	5040	282	9407	58	84	178	97	30	73	86	787
	6205065	1195223	13267	5104	418	6726	10	66	133	63	44	68	59	576
	6205070	1012918	13082	3918	236	7651	3	57	105	45	20	110	77	860

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
60	6205075	1167346	13139	2808	178	8586	6	75	103	74	59	87	47	1116	
	6205080	1104576	10964	2197	170	7522	5	47	87	56	33	31	69	745	
	6205085	597465	6469	1681	337	3967	0	16	62	27	15	40	29	205	
	6205090	719640	6269	2326	319	4964	1	19	76	21	18	23	79	423	
	6205095	1475272	16274	5601	1117	10309	5	45	157	25	29	44	286	656	
	6205100	1020946	11078	2922	1099	6473	2	14	116	19	9	26	125	273	
	6205105	403600	4412	1212	132	2733	0	6	43	15	9	8	83	171	
	6205110	136391	1549	277	13	1093	0	3	39	5	8	5	39	67	
	6205115	1680	31	9	0	21	0	0	0	0	0	0	1	0	
	6210040	798331	12099	6459	1296	2698	2	20	124	40	51	29	41	1339	
	6210045	105531	1138	518	173	348	1	5	7	6	4	4	1	69	
	6210050	931304	14114	3517	2707	7226	0	38	126	23	17	20	78	368	
	6210055	1423024	23634	8859	5076	7693	7	46	112	37	213	43	179	469	
	6210060	334209	4776	2313	689	1423	7	8	17	13	91	23	11	190	
	6210065	207823	2585	714	354	1297	1	5	15	7	5	6	21	160	
	6210070	409154	5103	1537	204	3000	1	12	29	11	17	20	16	256	
	6210075	211227	2262	461	155	1521	0	3	16	4	4	16	14	88	
	6210080	322118	3954	704	311	2675	2	5	10	6	11	20	23	187	
	6210085	279998	3741	652	232	2705	0	3	22	3	1	10	25	88	
	6210090	223404	2560	508	135	1765	7	18	13	6	5	4	13	86	

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6210095	318077	4122	910	570	2185	0	20	25	4	13	16	70	309	
	6210100	1125753	14143	2963	2039	8204	0	52	85	16	6	53	186	539	
	6210105	939867	11458	1965	1408	7327	0	19	78	25	13	35	242	346	
	6210110	893869	12136	1880	1730	7700	0	44	100	22	29	55	172	404	
	6210115	452876	5750	933	799	3645	0	13	43	3	3	21	81	209	
	6210120	82370	1165	65	7	1010	0	5	6	3	0	9	9	51	
	6215035	150279	1703	811	169	509	9	3	18	11	14	5	7	147	
	6215040	1342694	19301	11295	1433	4228	64	65	89	97	112	80	109	1729	
	6215045	2600	13	3	6	0	0	1	0	0	0	0	0	3	
	6215055	153042	3314	899	2151	119	0	6	3	5	85	0	10	36	
	6215060	4800	48	6	37	5	0	0	0	0	0	0	0	0	
	6215080	2420	19	0	7	12	0	0	0	0	0	0	0	0	
	6215085	2580	21	16	0	0	0	0	0	1	0	0	0	4	
	6215090	6590	66	6	6	50	0	0	0	0	0	0	0	4	
	6215095	20800	261	20	25	203	0	1	1	1	0	1	1	8	
	6215100	266266	3024	477	364	2036	0	3	20	5	0	17	26	74	
	6215105	250976	4349	854	428	2806	0	15	15	8	5	6	23	189	
	6215110	132267	2556	464	151	1732	0	6	11	3	4	2	9	174	
	6215115	23003	287	30	30	210	0	1	6	1	0	1	3	5	
	6220035	556952	10539	4730	2800	1918	19	10	41	10	15	12	38	946	

YEAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6220040	599650	7642	4137	1138	1500	18	42	48	23	16	21	29	670
	6220050	10209	56	12	29	4	0	0	1	0	0	4	0	6
	6220055	2640	19	0	18	0	0	0	0	0	0	0	0	1
	6220060	2400	25	3	20	2	0	0	0	0	0	0	0	0
	6220100	27562	369	36	25	310	0	0	2	0	0	0	4	12
	6220105	47922	713	55	47	588	0	0	1	2	0	0	6	14
	6220110	7920	65	18	0	61	0	0	0	0	0	1	0	5
	6225030	2680	64	0	62	0	0	0	0	0	0	0	0	2
	6225035	146586	2808	185	2366	97	11	11	1	2	1	21	7	106
	6225040	135709	2416	787	1131	281	8	11	4	4	13	20	2	155
	6225045	8011	71	15	50	2	0	0	0	1	0	0	0	3
	6230035	14150	199	13	141	17	0	2	0	2	0	13	2	9
	6230040	3010	24	0	16	6	0	0	0	0	0	0	0	2
	6230045	63650	1069	58	970	14	0	3	0	0	31	2	0	11
	6230050	51910	739	20	602	17	0	1	0	0	97	0	0	2
	6230055	13130	228	7	221	0	0	0	0	0	0	0	0	0
	6235050	8640	160	4	151	4	0	0	0	0	0	0	0	1
TOTAL		56356402	719193	224701	42865	381195	968	3045	7127	3348	2667	4046	4828	44403

1980 年 印度洋 分期別 海區別 魚種別
漁獲量 및 努力量

Quarterly catch and effort data
by statistical block ($5^{\circ} \times 5^{\circ}$) and
by species in the Indian Ocean
for 1980

1980 年 印度洋 分期別 海區別 魚種別 漁獲量 및 努力量
 Quarterly catch and effort data by statistical block (5°×5°)
 and by species in the Indian Ocean for 1980

單位：尾數

Unit : No. of fish

QUAR AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	STU	STM	SAI	SHARKS	OTB	OTHERS
1/4	6100045	40294	93	2	222	0	4	5	11	0	1	7	53
	6100050	3026	990	1	1436	8	16	27	74	2	24	33	415
	6100055	104304	189	0	527	0	5	13	13	1	17	2	158
	6100060	357926	4183	5	2062	0	17	28	22	4	46	29	546
	6100065	210006	425	0	1765	1	15	15	9	2	9	3	133
	6100070	24067	78	10	132	0	1	1	1	3	5	7	15
	6100075	498904	970	2	3671	0	24	67	42	12	61	23	356
	6100080	146921	255	0	1095	0	6	4	12	0	7	23	99
	6100085	79913	54	0	627	0	1	5	7	0	2	3	43
	6100090	134882	151	0	1098	10	6	6	5	4	31	6	57
	6100095	68138	123	0	1050	0	1	1	4	0	22	4	25
	6105045	1980	9	0	13	0	0	0	0	0	0	0	0
	6105050	38854	20	0	169	3	3	3	6	0	14	4	53
	6105055	52620	20	0	295	0	3	6	15	0	20	1	90
	6105060	179584	81	0	1331	0	18	11	14	0	18	20	187
	6105065	559481	526	0	5265	5	43	56	45	0	36	13	681
	6105075	6328	6	0	91	0	0	0	1	0	2	0	6
	6105080	14100	25	0	42	0	0	0	2	1	0	1	8
	6105085	57511	51	0	79	0	1	2	5	0	0	1	38
	6105090	2530	9	0	12	0	0	0	0	0	0	1	0

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BFT	SKJ	SWO	BUN	STM	SAI	SHARKS	OTB	OTHERS
1/4	6110045	3200	13	2	0	3	7	0	0	0	0	0	0	0	1
	6110050	12800	119	10	65	15	0	0	0	3	0	0	0	0	26
	6110055	19200	199	80	37	35	8	0	0	2	0	0	0	0	37
	6110060	3133	18	0	0	0	0	0	0	1	0	0	0	0	9
	6110080	13712	25	5	0	2	0	1	0	0	2	0	0	1	14
	6110085	185732	1756	1008	0	48	0	49	12	75	39	5	12	508	
	6110090	45000	613	455	0	25	0	11	5	14	7	2	4	90	
	6115065	16000	123	50	15	15	5	0	2	0	0	0	0	36	
	6115070	12800	125	0	35	58	8	0	4	0	0	0	0	20	
	6115085	60360	717	540	0	0	0	9	2	20	0	3	14	129	
	6120035	1910	13	7	3	3	0	0	0	0	0	0	0	0	
	6200040	41605	493	69	1	218	2	3	1	0	0	9	2	182	
	6200045	306236	3032	950	40	1542	0	17	30	54	5	43	5	346	
	6200050	275693	2931	1175	7	1345	0	16	47	40	3	24	12	262	
	6200055	114295	1186	288	2	757	0	12	6	11	5	11	3	91	
	6200060	280023	3947	1702	75	1631	3	21	82	26	3	50	20	334	
	6200065	361099	4810	1750	92	2258	1	28	35	45	22	84	33	462	
	6200070	264180	3665	1140	25	2093	3	8	23	12	5	31	21	298	
	6200075	396677	4786	1578	9	2716	3	32	33	43	7	38	40	287	
	6200080	34216	294	54	0	211	0	5	1	3	0	0	3	17	

분기	해역	나시수	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUN	STM	SAI	SHARKS	OTB	OTHERS
1/4	6200085	32298	260	74	0	177	0	5	6	1	0	1	1	15		
	6200090	19148	149	19	0	113	2	1	1	1	0	0	0	12		
	6200095	92294	1424	178	4	1165	2	9	3	4	0	0	9	6		44
	6205040	453717	5736	2042	319	2246	1	16	57	51	3	49	26	926		
	6205045	466290	6235	2491	111	2825	0	36	56	86	1	38	15	574		
	6205050	350849	3789	1685	137	1564	0	17	40	19	2	10	74	241		
	6205055	150803	1257	511	39	547	0	12	16	6	0	7	41	78		
	6205060	289295	3295	908	21	1867	1	21	48	33	2	31	20	343		
	6205065	139333	1404	398	35	834	0	8	10	6	2	24	10	77		
	6205070	333142	3959	1117	9	2484	0	24	30	20	4	68	26	177		
	6205075	309454	4388	1121	4	2914	3	34	27	27	5	57	23	173		
	6205080	21960	174	45	0	112	0	1	3	1	0	0	1	11		
	6205085	26342	227	61	0	159	0	2	0	1	0	0	0	4		
	6205090	15795	87	27	0	49	1	0	1	0	0	0	0	9		
	6205095	81315	572	120	13	369	0	2	4	1	0	3	1	59		
	6205100	67792	749	214	2	516	2	1	1	1	0	1	3	8		
	6205105	6110	56	28	8	17	0	0	0	1	0	0	0	2		
	6210040	565503	2436	4892	365	1735	0	13	97	29	31	16	22	1236		
	6210045	86822	865	437	139	215	0	4	6	6	3	3	1	51		
	6210050	323672	3755	1307	209	1950	0	16	31	12	0	10	34	186		

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QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
1/4	6210055	306041	4260	1395	333	2157	0	21	24	12	0	26	105	187	
	6210060	12506	89	44	2	26	0	0	2	1	0	10	0	4	
	6210065	6097	54	17	0	32	0	1	1	0	0	0	0	3	
	6210070	17829	142	44	5	89	0	0	1	0	0	1	0	2	
	6210075	19652	272	51	0	190	0	0	0	1	0	6	2	22	
	6210085	11443	137	26	0	98	0	0	0	0	0	0	0	13	
	6210090	124733	1468	302	32	1054	7	16	5	3	0	1	1	47	
	6210095	99020	1531	259	156	1009	0	15	2	1	0	7	11	71	
	6210100	315603	4989	1042	587	3127	0	39	11	4	0	10	31	138	
	6210105	52910	726	77	98	538	0	2	2	0	0	0	0	9	
	6210110	10200	200	25	51	98	0	3	1	1	0	2	1	18	
	6215035	96609	1103	631	150	211	2	2	10	4	14	3	4	72	
	6215040	1226601	17508	10542	1181	3763	36	57	74	87	50	71	101	1626	
	6215045	2600	13	3	6	0	0	1	0	0	0	0	0	3	
	6215085	2580	21	16	0	0	0	0	0	1	0	0	0	4	
	6215105	77311	1412	353	187	756	0	9	0	2	0	0	5	100	
	6215110	76130	1749	211	111	1260	0	4	1	2	0	0	3	157	
	6220035	532022	10359	4639	2789	1878	15	10	32	8	15	11	36	926	
	6220040	553210	7162	3883	1114	1359	6	40	39	20	14	17	26	644	
	6220050	6920	33	9	11	4	0	0	1	0	0	3	0	5	

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BCT	SKJ	SKO	BUM	STM	SAI	SHARKS	OTE	OTHERS
274	6100040	23960	346	123	9	184	0	0	8	1	0	0	7	14	
	6100045	120390	2262	839	7	1218	0	10	49	6	4	13	4	52	
	6100050	822857	10925	2863	19	6891	2	44	123	123	34	32	23	771	
	6100055	2221105	30494	8290	212	19192	89	168	358	134	59	369	253	137	
	6100060	1079861	15855	4428	181	9218	30	154	180	71	39	151	113	1200	
	6100065	545576	5924	2396	137	2682	11	12	99	17	7	22	48	493	
	6100070	35750	650	282	13	284	0	0	12	1	4	9	12	33	
	6100075	412664	4432	1279	5	2679	0	18	97	26	61	17	30	220	
	6100080	184357	2170	831	3	1057	0	5	61	32	7	15	52	107	
	6100085	156810	2051	845	0	1065	0	1	15	20	16	7	7	105	
	6100090	87869	1111	179	0	869	0	9	7	5	4	11	7	10	
	6105050	163556	2319	351	0	1660	0	0	32	27	1	20	6	216	
	6105055	600666	8176	742	49	5515	102	67	78	48	8	120	13	1431	
	6105060	547564	6356	548	2	4562	121	36	99	32	4	55	15	882	
	6105065	217856	1770	353	25	1185	2	2	28	11	9	10	8	137	
	6105070	15278	124	18	0	87	0	0	9	1	1	1	1	6	
	6105075	69712	1028	62	0	826	0	2	46	4	22	9	4	51	
	6105090	14760	100	45	0	37	0	0	2	0	0	1	5	10	
	6105095	3000	23	7	2	12	0	0	1	0	0	0	0	1	
	6110080	136160	2009	1560	0	13	0	37	130	35	41	6	16	171	

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	LUM	STM	SAI	SHARKS	OTB	OTHERS
2/4	6110085	11200		25	11	0	0	0	0	4	4	1	0	3	2
	6110090	2600		4	2	0	1	0	0	0	0	0	1	0	0
	6110100	2616		12	2	7	2	0	0	1	0	0	0	0	0
	6110105	3120		4	2	0	0	0	0	0	0	1	0	0	1
	6115080	39850		412	278	0	0	0	10	6	17	24	2	4	71
	6115085	45250		466	331	0	0	0	19	5	14	29	2	9	57
	6200040	31990		234	77	3	146	0	0	2	2	0	0	3	1
	6200045	129855		1322	463	30	733	0	10	9	15	2	0	3	57
	6200050	202076		2230	867	28	1012	76	8	26	25	8	26	22	132
	6200055	294021		4494	1346	41	2663	12	44	60	36	4	22	22	244
	6200060	521691		7199	3258	119	3022	5	77	118	66	36	74	30	394
	6200065	410032		5462	2068	64	2694	13	51	86	35	36	44	18	353
	6200070	364151		5871	2554	77	2669	1	63	94	31	24	65	22	271
	6200075	358975		3588	1687	18	1536	5	13	90	13	2	8	29	187
	6200080	132109		1492	747	6	613	2	6	19	8	9	11	21	50
	6200085	86731		1019	436	19	378	0	3	29	8	0	1	10	135
	6200090	85278		980	340	6	541	0	0	20	5	0	2	13	53
	6200095	41763		614	172	14	360	0	1	8	1	0	2	13	43
	6205040	2968		9	4	0	0	0	0	0	1	0	0	0	4
	6205045	6620		63	8	5	40	0	0	1	0	0	2	0	7

QUAR	AREA	NC	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
2/4	6205050	17816	158	62	1	68	0	5	3	0	0	0	2	10	7
	6205055	26495	225	124	26	47	0	3	2	0	0	0	0	2	21
	6205060	276467	3027	1017	54	1659	22	32	43	36	12	18	21	173	
	6205065	324367	4212	1722	101	2017	7	38	26	22	19	22	17	211	
	6205070	75485	771	244	2	269	0	3	14	4	1	3	3	228	
	6205075	124728	1298	239	4	630	3	3	7	14	2	1	3	392	
	6205080	109567	945	273	50	541	2	9	8	7	2	0	0	2	51
	6205085	34002	330	132	14	163	0	0	6	3	0	0	0	0	12
	6205090	183336	2354	828	17	1327	0	4	46	6	5	2	49	70	
	6205095	405949	5560	1816	390	2810	5	6	76	10	1	3	152	285	
	6205100	180368	2773	1005	562	1062	0	2	44	4	0	2	42	50	
	6205105	2940	34	10	0	23	0	0	0	0	0	0	0	0	1
	6205110	3100	21	5	10	4	0	0	0	0	0	0	0	1	1
	6210050	69913	1157	635	236	235	0	12	7	0	5	0	11	16	
	6210055	214146	4846	2879	1156	537	0	16	5	6	120	0	39	88	
	6210060	83540	1739	1046	299	207	6	2	3	5	71	0	2	98	
	6210065	15036	183	79	70	33	0	0	0	0	0	0	0	1	
	6210070	6006	61	18	0	17	0	0	1	0	0	0	0	25	
	6210080	37299	409	108	46	241	0	0	2	1	0	0	0	11	
	6210085	78500	1270	359	25	850	0	1	5	1	0	0	0	5	24

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
214	6210090	15650		207	46	41	107	0	0	1	0	0	0	4	8
	6210095	70329		1001	211	126	425	0	3	10	1	0	0	48	177
	6210100	184700		2154	739	300	836	0	4	27	2	0	0	80	166
	6210105	162924		2138	418	382	1157	0	7	27	3	3	6	51	104
	6210110	203276		2839	778	885	1031	0	25	24	3	7	11	37	38
	6210115	71434		953	245	327	354	0	0	7	0	0	0	8	12
	6215035	31990		409	90	10	237	0	0	4	7	0	0	0	61
	6215040	28480		336	115	5	151	0	0	5	5	5	3	6	47
	6215055	27320		687	356	271	20	0	5	3	3	25	0	1	3
	6215100	5052		63	32	0	27	0	0	1	0	0	0	0	3
	6215105	8700		112	22	15	64	0	3	2	1	1	0	0	4
	6220035	10530		63	21	11	16	0	0	1	2	0	0	0	12
	6220040	13080		128	81	10	27	0	1	1	1	0	1	0	6
	6225040	3030		23	13	3	0	0	2	0	0	0	2	0	3
	6230045	22980		445	21	422	0	0	0	0	0	0	0	0	2
	6230050	15370		306	0	288	17	0	0	0	0	0	0	0	1
	6235050	5810		120	0	116	4	0	0	0	0	0	0	0	0
TOTAL		13390422		177012	56483	7376	92862	516	1062	2425	1022	776	1206	1440	11844

QUAR	AREA	NO	HOGKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
3/4	6100040	16900		258	80	5	142	0	1	1	2	2	3	0	22
	6100045	26450		208	54	17	86	0	0	3	2	20	2	0	24
	6100050	20210		388	165	12	186	0	0	15	0	1	1	0	8
	6100055	27675		334	135	51	100	0	0	2	0	3	2	2	39
	6100060	66055		7675	2839	56	3689	18	41	302	22	47	46	25	590
	6100065	878193		11956	4576	170	5895	2	35	168	30	73	94	61	852
	6100070	156747		2167	1076	7	845	1	9	26	4	14	39	4	148
	6100075	579110		9072	3949	12	4231	0	49	132	13	74	45	51	516
	6100080	75896		930	281	1	596	0	4	4	1	1	3	14	25
	6100085	33793		318	56	0	192	0	1	5	0	3	0	2	59
	6100090	52250		380	109	0	232	0	0	3	1	13	1	3	18
	6100095	2808		19	4	0	13	0	0	0	0	2	0	0	0
	6105045	39640		391	111	1	252	0	0	1	4	2	4	0	16
	6105060	585406		5719	707	0	3914	5	26	110	38	12	77	33	797
	6105065	362674		4739	528	6	2779	1	5	125	19	17	23	32	1204
	6105070	19170		203	58	5	121	0	0	3	1	0	0	2	13
	6105075	99642		1967	53	0	1812	0	5	14	3	2	10	0	62
	6105080	6330		66	25	0	31	0	0	0	1	2	0	0	7
	6105085	2808		10	4	0	4	0	0	0	0	1	0	0	0
	6105090	2750		10	9	0	1	0	0	0	0	0	0	0	0

QUAR	AREA	NG	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
3/4	6105105	2648		40	24	1	15	0	0	0	0	0	0	0	0
	6110040	12720		168	91	38	30	0	0	1	1	0	2	0	5
	6110045	6240		45	23	14	6	0	0	0	0	0	0	0	2
	6110070	6150		96	55	4	35	0	0	0	0	0	0	0	2
	6200040	2350		8	1	0	4	0	1	0	0	0	0	0	2
	6200045	10360		212	126	2	76	0	0	1	0	0	0	0	5
	6200050	31320		471	197	0	242	0	2	3	1	0	3	0	23
	6200055	45856		485	235	2	168	0	2	5	3	5	6	6	33
	6200060	160703		1473	586	174	529	8	4	41	7	17	8	13	86
	6200065	366322		3775	1942	99	1369	3	10	53	11	19	13	10	246
	6200070	443738		6221	2709	67	2623	0	29	55	8	17	66	25	622
	6200075	1261670		14897	4305	196	8237	0	90	110	36	103	73	42	1205
	6200080	359845		3095	900	35	1706	0	14	25	22	25	10	19	249
	6200085	308215		2929	1071	42	1501	0	9	26	16	14	12	23	215
	6200090	240508		1887	515	15	1194	0	9	16	8	29	3	22	76
	6200095	244844		3352	1136	44	2004	0	6	26	4	8	4	48	70
	6200100	8250		90	19	1	65	0	0	1	0	1	0	0	3
	6205040	75780		696	145	71	417	0	5	9	1	0	8	1	39
	6205045	44980		443	167	1	243	0	2	1	3	2	4	2	16
	6205055	96755		960	356	56	511	0	3	5	6	1	4	1	17

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
3/4	6205060	194727	2163	865	29	1137	34	6	12	9	4	9	14	64	
	6205065	431813	4394	1754	145	2163	1	9	70	27	17	14	17	177	
	6205070	231068	3284	1312	92	1477	0	7	36	15	11	25	29	280	
	6205075	489092	5462	922	131	3767	0	26	58	31	50	25	15	457	
	6205080	776475	7571	1650	96	5016	3	23	68	45	31	29	52	558	
	6205085	462714	5435	1447	307	3294	0	13	52	20	15	40	27	270	
	6205090	464402	5314	1409	290	3168	0	13	27	14	13	20	29	331	
	6205095	942831	11740	2575	705	6855	0	35	71	13	28	37	126	295	
	6205100	583270	5816	1490	353	3622	0	8	63	12	6	19	65	178	
	6205105	319113	3734	1086	96	2242	0	5	38	11	9	8	78	161	
	6205110	130041	1511	271	3	1073	0	3	39	5	8	5	38	66	
	6205115	1680	31	9	0	21	0	0	0	0	0	0	1	0	
	6210040	19800	253	67	152	24	0	1	0	0	8	0	0	1	
	6210045	2400	10	4	3	3	0	0	0	0	0	0	0	0	
	6210055	201781	3236	1737	1105	256	4	2	1	2	69	10	3	47	
	6210060	159997	2056	968	364	609	0	4	6	4	20	12	6	63	
	6210065	51840	486	124	22	273	0	2	5	3	3	2	12	40	
	6210070	190694	2386	757	34	1395	0	4	19	9	14	12	5	137	
	6210075	116686	1335	280	114	862	0	2	8	3	3	8	10	45	
	6210080	270869	3366	570	259	2291	2	4	8	5	11	20	22	174	

QUAR	AREA	NO	HOURS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
3/4	6210085	180435	2209	263	162	1683	0	2	17	2	1	10	18	51	
	6210090	83021	885	160	62	604	0	2	7	3	5	3	8	31	
	6210095	142748	1552	437	288	719	0	2	11	2	13	9	11	60	
	6210100	507573	5870	1068	950	3463	0	7	39	9	6	42	74	212	
	6210105	451122	5241	1090	676	3009	0	8	37	12	9	26	178	190	
	6210110	489853	6796	998	626	4630	0	11	61	10	22	36	101	301	
	6210115	233797	3098	409	275	2160	0	8	16	2	3	15	53	149	
	6210120	5880	117	20	0	85	0	0	0	0	0	4	0	8	
	6215040	5050	85	5	69	0	0	0	0	0	10	0	0	1	
	6215055	39710	762	127	579	12	0	0	0	0	32	0	0	12	
	6215060	4800	48	6	37	5	0	0	0	0	0	0	0	0	
	6215080	2420	19	0	7	12	0	0	0	0	0	0	0	0	
	6215100	180454	2010	332	211	1356	0	2	10	5	0	16	24	54	
	6215105	67525	1162	301	134	629	0	1	9	2	0	4	11	71	
	6215110	51437	769	253	40	436	0	2	10	0	4	2	5	17	
	6215115	20153	261	20	27	198	0	1	6	1	0	1	2	5	
	6220050	3289	23	3	18	0	0	0	0	0	0	1	0	1	
	6220055	2640	19	0	18	0	0	0	0	0	0	0	0	1	
	6220060	2400	25	3	20	2	0	0	0	0	0	0	0	0	
	6225030	2680	64	0	62	0	0	0	0	0	0	0	0	2	

QUAR	AREA	NC	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
374	6225035	94045	2274	16	2147	23	0	7	0	0	0	0	15	0	66
	6225040	86979	1279	90	1042	93	0	4	0	0	0	8	12	0	30
	6225045	5051	55	8	44	2	0	0	0	0	0	0	0	0	1
	6230045	40670	644	37	548	14	0	3	0	0	0	31	2	0	9
	6230050	30540	433	20	314	0	0	1	0	0	0	97	0	0	1
	6230055	13130	226	7	221	0	0	0	0	0	0	0	0	0	0
	6235050	2830	40	4	35	0	0	0	0	0	0	0	0	0	1
TOTAL		16200116	193794	55900	14117	104895	82	590	2098	544	1091	1059	1481		11937

분기	매	영	나	시	수	QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
474	6100040	10360	117	55	6	46	0	0	1	0	0	0	0	2	7						
	6100045	10776	370	256	34	71	0	0	5	0	0	0	0	1	3						
	6100050	304344	3613	1090	56	2187	0	6	39	17	4	29	25	160							
	6100055	113298	1117	310	38	650	3	6	27	9	1	10	6	57							
	6100060	225304	2629	826	78	1429	0	13	31	18	6	23	11	194							
	6100065	452826	6352	1789	121	4049	26	31	38	24	7	34	18	215							
	6100070	44948	606	187	22	361	1	2	4	2	4	2	7	14							
	6100075	237969	2567	440	32	1900	2	13	43	10	4	8	17	98							
	6100080	55844	650	179	24	322	0	2	45	4	2	2	22	48							
	6100085	99504	1013	163	21	699	5	4	20	12	2	9	13	65							
	6100090	29150	132	21	2	93	0	0	3	1	0	2	4	6							
	6105050	48425	344	62	0	259	0	1	7	1	0	1	1	12							
	6105055	122571	1672	202	10	1254	0	6	52	8	0	12	21	107							
	6105060	190331	1859	243	24	1310	0	8	48	15	5	13	8	185							
	6105065	303615	3732	522	40	2612	25	14	31	26	14	21	13	414							
	6105070	110810	2633	206	21	2309	0	10	15	10	8	17	0	87							
	6105075	17005	148	30	3	102	0	3	1	1	0	0	2	6							
	6105080	8250	84	0	0	31	0	1	1	1	0	0	3	47							
	6105085	2540	9	0	0	4	0	0	2	0	0	0	1	2							
	6105090	26801	281	75	8	136	22	6	2	0	5	2	5	20							

분기	매	면적	나지수	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
QUAR	AREA	NO.	HOOKS												
4/4	6105105	11390	61	10	0	49	0	0	0	0	0	0	0	2	0
	6110105	3725	68	18	0	48	0	0	0	1	-	0	0	0	1
	6200040	223455	2154	560	36	1418	3	9	9	20	20	0	8	13	67
	6200045	260717	3274	1045	52	1935	9	20	20	22	21	6	21	9	134
	6200050	632987	9745	2860	9	6205	17	43	33	33	49	74	67	52	330
	6200055	401017	7304	2730	60	4007	0	34	18	18	19	36	54	20	320
	6200060	374667	4493	1379	58	2728	2	23	59	59	15	9	20	25	175
	6200065	204605	2343	673	40	1411	6	13	30	30	12	13	12	17	116
	6200070	128251	1053	367	46	571	2	3	15	15	2	2	3	11	31
	6200075	229460	2304	962	108	1091	0	11	35	35	9	1	7	16	118
	6200080	110757	1023	379	51	536	0	2	6	6	7	0	2	16	20
	6200085	49602	398	97	8	261	0	3	5	5	3	0	1	2	16
	6200090	19778	128	44	4	65	0	1	2	2	2	0	1	4	5
	6200095	24640	255	48	2	199	0	0	0	2	0	0	0	2	2
	6205040	970336	13132	4923	227	7429	4	29	75	75	62	17	28	81	257
	6205045	785989	11201	3959	109	6680	1	24	49	49	54	23	33	36	233
	6205050	609018	12168	5284	160	6126	12	30	42	42	60	81	41	29	303
	6205055	803281	13843	5527	315	7430	0	27	83	83	43	35	31	52	300
	6205060	562208	7557	2250	178	4744	1	25	75	75	19	12	15	31	207
	6205065	299690	3267	1230	137	1712	2	11	27	27	8	6	8	15	111

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	oUM	STM	SAI	SHARKS	OTB	OTHERS
4/4	6205070	373203	5068	1245	133	3421	3	23	25	6	4	14	19	175	
	6205075	244072	1971	526	39	1275	0	12	11	2	2	4	6	94	
	6205080	196574	2274	229	24	1853	0	14	8	5	0	2	14	125	
	6205085	72407	427	41	16	351	0	1	4	3	0	0	2	9	
	6205090	56107	514	62	12	420	0	2	2	1	0	1	1	13	
	6205095	45177	402	90	9	275	0	2	6	1	0	1	1	17	
	6205100	189516	1740	213	182	1273	0	3	8	2	3	4	15	37	
	6205105	80517	568	88	28	451	0	1	5	3	0	0	5	7	
	6205110	3250	17	1	0	16	0	0	0	0	0	0	0	0	
	6210040	213028	3410	1500	779	939	2	6	27	11	12	13	19	102	
	6210045	16309	263	77	31	130	1	1	1	2	1	1	0	18	
	6210050	537719	9202	1575	2262	5041	0	10	82	11	12	10	33	166	
	6210055	701056	11292	2848	3382	4743	3	7	82	17	24	7	32	147	
	6210060	78166	892	255	15	581	1	2	6	3	0	1	3	25	
	6210065	134850	1862	494	262	959	1	2	9	4	2	4	9	116	
	6210070	194625	2514	718	165	1499	1	8	8	2	3	7	11	92	
	6210075	74889	675	130	41	469	0	1	8	0	1	2	2	21	
	6210080	13950	179	26	6	143	0	1	0	0	0	0	1	2	
	6210085	9620	125	4	45	74	0	0	0	0	0	0	2	0	
	6210095	5980	38	3	0	32	0	0	2	0	0	0	0	1	

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
474	6210100	117877		1130	114	202	778	0	2	8	1	0	1	1	23
	6210105	272911		3333	374	252	2623	0	2	12	10	1	3	13	43
	6210110	190560		2301	79	168	1941	0	5	14	-8	0	6	33	47
	6210115	153645		1699	279	197	1125	0	5	18	1	0	6	20	48
	6210120	76490		1048	45	7	925	0	5	6	3	0	5	9	43
	6215035	21600		191	90	9	61	7	1	4	0	0	2	3	14
	6215040	20503		1292	633	178	314	28	8	10	5	47	6	8	55
	6215055	86012		1865	416	1301	87	0	1	0	2	28	0	9	21
	6215090	8590		66	6	6	50	0	0	0	0	0	0	0	4
	6215095	20800		261	20	25	203	0	1	1	1	0	1	1	8
	6215100	80760		951	113	153	653	0	1	9	0	0	1	4	17
	6215105	97440		1603	176	92	1357	0	2	4	3	4	2	7	14
	6215110	2700		38	0	0	36	0	0	0	1	0	0	1	0
	6215115	2850		26	10	3	12	0	0	0	0	0	0	1	0
	6220035	14400		117	70	0	24	4	0	6	0	0	1	2	8
	6220040	33360		352	173	14	114	12	1	8	2	2	3	3	20
	6220100	27562		389	36	25	310	0	0	2	0	0	0	4	12
	6220105	47922		713	55	47	588	0	0	1	2	0	0	6	14
	6220110	7920		85	18	0	61	0	0	0	0	0	1	0	5
	6225035	25200		237	90	54	52	11	1	1	1	1	3	5	18
474	6225040	10800		94	30	5	33	8	0	2	2	4	2	1	7
TOTAL				13952511	187113	53973	109761	225	565	1418	679	528	651	921	6083

1980 年 印度洋 月別 海區別 魚種別
漁獲量 및 努力量

Monthly catch and effort data
by statistical block ($5^{\circ} \times 5^{\circ}$) and
by species in the Indian Ocean
for 1980

1980 年 印度洋 月別 海區別 魚種別 漁獲量 및 努力量
Monthly catch and effort data by statistical block (5°×5°)
and by species in the Indian Ocean for 1980

單位：尾數

Unit: No. of fish

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
1	6100045	15531	166	10	0	130	0	3	1	5	0	1	1	15
	6100050	47240	609	107	0	436	0	1	1	11	0	1	2	50
	6100055	21900	328	102	0	186	0	2	3	5	0	1	0	29
	6100060	30608	459	57	0	353	0	6	4	2	0	3	1	33
	6100065	79958	1176	238	0	848	1	14	9	7	0	8	1	50
	6100070	7440	76	15	0	50	0	0	0	1	0	1	3	6
	6100075	71529	1172	289	0	725	0	8	32	11	0	7	5	95
	6100080	22950	289	80	0	166	0	1	1	7	0	3	6	25
	6100085	11560	136	13	0	110	0	0	2	2	0	1	0	8
	6100090	5400	32	3	0	22	0	0	1	1	0	0	0	5
	6105055	2542	17	4	0	8	0	0	0	1	0	0	0	4
	6105060	89741	1135	36	0	973	0	14	8	8	0	9	5	82
	6105065	282956	4513	238	0	3638	5	40	42	37	0	32	6	475
	6105085	5778	25	8	0	12	0	0	0	1	0	0	0	4
	6110045	3200	13	2	0	3	7	0	0	0	0	0	0	1
	6110050	12800	119	10	65	15	0	0	3	0	0	0	0	26
	6110055	19200	199	80	37	35	8	0	2	0	0	0	0	37
	6115065	16000	123	50	15	15	5	0	2	0	0	0	0	36
	6115070	12800	125	0	35	58	8	0	4	0	0	0	0	20
	6200040	5805	71	11	0	53	2	3	0	0	0	0	0	2

MONTH	AREA	NO	HOOKS	TOTAL	YFI	ALB	BET	SKJ	SWO	QUM	STM	SAI	SHARKS	OTB	OTHERS
1	6200045	28246		296	146	1	124	0	4	2	4	0	1	0	14
	6200050	143606		1816	664	0	1029	0	13	3	17	0	10	6	74
	6200055	71764		839	224	0	538	0	11	4	8	0	5	2	49
	6200060	20845		118	29	0	68	0	3	1	2	0	2	3	10
	6200065	36415		329	110	0	174	0	8	3	5	0	2	2	25
	6200070	40739		524	227	0	261	0	1	1	7	0	2	0	25
	6200075	177726		2246	788	0	1279	3	23	12	37	0	7	10	137
	6200080	19220		192	37	0	134	0	4	1	3	0	0	3	10
	6200085	17357		100	57	0	83	0	5	4	0	0	1	1	9
	6200090	6828		55	16	0	29	2	1	1	1	0	0	0	5
	6200095	25234		242	57	4	154	2	6	2	2	0	2	0	13
	6205040	96780		1297	575	8	586	0	4	23	10	0	2	8	81
	6205045	213368		3543	1566	23	1684	0	25	5	43	0	16	11	170
	6205050	67529		945	369	1	462	0	10	7	6	0	2	40	48
	6205055	36221		322	132	0	158	0	6	2	1	0	1	7	15
	6205060	23097		198	101	0	83	0	3	1	1	0	1	0	8
	6205065	18017		97	26	1	62	0	2	0	1	0	0	0	5
	6205070	109927		1362	346	0	899	0	19	8	17	0	2	1	70
	6205075	147506		2186	762	0	1267	3	19	17	21	0	3	5	89
	6205080	12935		90	30	0	53	0	0	1	1	0	0	1	4

월 MONTH	배 AREA	어 NO	나 HOOKS	시 TOTAL	수 YFT	양 ALB	가 BET	다 SKJ	태 SWO	양 BUM	새 STM	지 SAI	새 SHARKS	양 OTB	기 OTHERS
1	6205085	16732	161	47	107	0	2	0	1	0	0	0	0	4	4
	6205090	7160	51	24	23	0	0	1	0	0	0	0	0	0	2
	6205095	37655	291	102	154	13	1	0	1	2	1	0	3	1	14
	6205100	52712	601	195	380	2	1	1	1	1	1	0	1	3	7
	6205105	6110	56	28	17	8	0	0	1	0	0	0	0	0	2
	6210040	250066	4529	2835	1182	54	5	0	14	73	14	0	2	11	353
	6210045	15522	229	134	57	24	2	0	1	2	1	0	1	0	8
	6210050	134465	1733	591	1016	26	8	0	5	15	5	0	5	16	51
	6210055	158034	2246	861	1273	22	16	0	7	10	7	0	4	34	64
	6210060	2904	1	0	0	0	0	0	0	0	0	0	0	0	1
	6210075	11432	139	45	88	0	0	0	1	0	1	0	0	2	3
	6210090	102645	1210	260	863	26	16	7	3	5	3	0	1	1	29
	6210095	99020	1531	259	1009	156	15	0	1	2	1	0	7	11	71
	6210100	309753	4936	1036	3104	565	39	0	4	11	4	0	10	31	130
	6210105	18960	319	35	232	44	2	0	0	2	0	0	0	0	4
	6215035	28075	415	282	77	31	0	2	2	5	2	0	0	4	12
	6215040	635497	10065	6746	2107	506	34	17	42	27	27	2	13	65	506
	6215105	65936	1237	331	648	169	9	0	0	0	2	0	0	4	74
	6220040	255302	3557	2091	431	621	32	0	29	12	12	2	7	13	319
	6225040	29760	975	635	144	80	5	0	2	2	2	1	3	1	102
TOTAL	4316298	62022	24152	2537	29886	75	446	413	371	183	5	326	3626		

월 MONTH	해역 AREA	어획 NO	나시수 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
2	6100045	2522		34	9	0	16	0	0	0	0	0	0	3	6
	6100050	95605		569	142	0	376	0	1	1	5	0	0	17	27
	6100055	35289		264	46	0	87	0	1	2	1	0	0	2	65
	6100060	225936		2573	1039	0	1102	0	5	8	3	0	0	23	393
	6100065	118059		1110	140	0	884	0	1	4	1	0	0	2	76
	6100070	2022		11	3	0	7	0	0	0	0	0	0	0	1
	6100075	166513		1625	322	0	1209	0	1	4	4	0	0	7	76
	6100080	111541		1044	170	0	789	0	1	2	4	0	0	17	61
	6100085	39570		351	22	0	312	0	0	1	0	0	0	2	14
	6100090	5915		47	8	0	38	0	0	0	0	0	0	0	1
	6105045	1920		27	9	0	18	0	0	0	0	0	0	0	0
	6105050	26155		127	0	0	114	0	1	1	1	0	0	0	10
	6105055	17358		68	4	0	31	0	1	3	2	0	0	0	27
	6105060	57968		313	25	0	190	0	1	2	1	0	0	13	81
	6105065	265500		2110	287	0	1598	0	3	13	6	0	0	6	197
	6105080	11520		64	18	0	42	0	0	0	1	0	0	0	3
	6105085	46423		133	36	0	63	0	1	2	3	0	0	1	27
	6105090	2530		22	9	0	12	0	0	0	0	0	0	1	0
	6110060	3133		18	0	0	8	0	0	1	0	0	0	0	9
	6110080	13712		25	5	0	2	0	1	0	2	0	0	1	14

월	매	어	개	와	다	래	이	나	개	다	래	이	부	다	래	이	가	다	래	이	화	산	시	도	산	시	어	기	타	산	시	기	타
MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS																		
2	6110085	64622	399	265	0	25	0	5	1	5	1	0	2	95																			
	6115085	39324	350	263	0	0	0	4	2	7	0	0	5	69																			
	6120035	1910	13	7	3	3	0	0	0	0	0	0	0	0																			
	6200040	18840	278	35	0	85	0	0	0	0	0	0	2	156																			
	6200045	97568	649	118	1	466	0	2	4	3	0	0	2	53																			
	6200050	45211	214	61	0	127	0	1	2	1	0	0	1	21																			
	6200055	10623	149	14	2	111	0	0	1	0	0	0	1	20																			
	6200060	55177	471	154	59	175	0	2	3	0	0	0	6	72																			
	6200065	59745	647	240	0	295	0	1	2	1	0	0	12	96																			
	6200070	119455	1904	562	10	1121	0	1	5	1	0	0	12	192																			
	6200075	114182	1247	321	1	815	0	2	3	2	0	0	21	82																			
	6200080	8685	48	12	0	32	0	0	0	0	0	0	0	4																			
	6200085	9000	96	11	0	80	0	0	1	0	0	0	0	4																			
	6200090	12320	94	3	0	84	0	0	0	0	0	0	0	7																			
	6200095	34950	536	87	0	423	0	1	1	1	0	0	3	21																			
	6205040	181123	2372	726	102	1061	0	1	13	5	0	0	11	453																			
	6205045	79734	642	124	3	468	0	1	1	2	1	0	0	42																			
	6205050	203062	1879	835	35	858	0	3	8	3	0	0	18	119																			
	6205055	64263	511	244	26	203	0	1	1	2	0	0	5	29																			
	6205060	124257	1289	498	16	598	0	2	1	6	0	0	9	159																			

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
2	6205065	49091	523	184	0	302	0	2	0	0	0	0	0	5	30
	6205070	3055	44	15	0	20	0	0	0	0	0	0	0	0	1
	6205080	6110	63	10	0	47	0	0	0	1	0	0	0	0	5
	6205085	11610	06	14	0	52	0	0	0	0	0	0	0	0	0
	6205090	3635	36	3	0	26	0	0	0	0	0	0	0	0	0
	6205095	43660	281	18	0	215	0	1	0	2	0	0	0	0	45
	6205100	15000	148	19	0	128	0	0	0	0	0	0	0	0	1
	6210040	226972	2768	1562	138	386	0	3	0	17	2	4	0	8	640
	6210045	16288	74	33	7	23	0	0	0	0	0	0	0	1	10
	6210050	137667	1365	474	106	689	0	2	0	6	1	0	0	5	82
	6210055	69357	967	229	39	546	0	2	0	4	1	0	0	57	89
	6210085	11443	137	26	0	98	0	0	0	0	0	0	0	0	13
	6210090	19358	232	42	1	172	0	0	0	0	0	0	0	0	17
	6210100	5850	53	6	22	23	0	0	0	0	0	0	0	0	2
	6210105	33930	407	42	54	306	0	0	0	0	0	0	0	0	5
	6215035	21366	193	113	32	31	0	1	0	1	0	0	0	0	15
	6215040	227598	2519	1309	241	549	0	3	0	5	3	7	0	25	377
	6215085	2580	21	16	0	0	0	0	0	0	1	0	0	0	0
	6215105	11375	175	22	18	108	0	0	0	0	0	0	0	1	26
	6215110	16120	140	17	12	104	0	0	0	0	0	0	0	0	7

월	해	영	구	나	시	수	NO	HOOKS	TOTAL	YFT	ALB	LO	가	다	래	이	와	새	시	도	새	시	가	타
MONTH	AREA																							
2	6220035	438252	9071	3936	2582	1635	0	6	23	4	6	0	34	845										
	6220040	211248	2544	1264	380	605	0	3	8	2	5	0	11	266										
	6225035	22900	234	65	135	15	0	1	0	0	0	0	1	17										
	6225040	2640	38	14	1	11	0	0	0	0	0	0	0	12										
TOTAL		4211527	46362	16307	4026	20027	0	69	160	86	24	0	353	5310										

월	해	어	개	와나래이	나개다래이	누다래이	가다래이	화새치	조새치	저새치	도새치	사	여기	새시	기
MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
3	6100045	22241	198	74	2	76	0	1	4	6	0	0	3	32	
	6100050	169772	1848	741	1	624	8	14	25	58	2	23	14	338	
	6100055	47115	398	41	0	254	0	2	8	12	1	16	0	64	
	6100060	101362	1131	308	5	607	0	6	16	17	4	43	5	120	
	6100065	11989	91	47	0	33	0	0	2	1	2	1	0	5	
	6100070	14605	166	60	10	75	0	1	1	0	3	4	4	8	
	6100075	260862	2431	359	2	1737	0	15	31	27	12	54	11	183	
	6100080	12430	168	5	0	140	0	4	1	1	0	4	0	13	
	6100085	26783	255	19	0	205	0	1	2	5	0	1	1	21	
	6100090	123567	1295	140	0	1038	10	6	5	4	4	31	6	51	
	6100095	68138	1230	123	0	1050	0	1	1	4	0	22	4	25	
	6105050	12699	148	20	0	55	3	2	2	5	0	14	4	43	
	6105055	32720	365	12	0	256	0	2	3	12	0	20	1	59	
	6105060	31855	232	20	0	168	0	3	1	5	0	9	2	24	
	6105065	11025	47	1	0	29	0	0	1	2	0	4	1	9	
	6105075	6328	106	6	0	91	0	0	0	1	0	2	0	6	
	6105080	2580	15	7	0	0	0	0	0	1	1	0	1	5	
	6105085	5310	19	7	0	4	0	0	0	1	0	0	0	7	
	6110085	121160	1357	743	0	23	0	44	11	70	38	5	10	413	
	6110090	45000	613	455	0	25	0	11	5	14	7	2	4	90	

월 MONTH	해 AREA	어 NO	나 HOOKS	기 TOTAL	와 YFT	나 ALB	다 BET	바 SKJ	와 SWO	다 BUM	바 STM	다 SAI	바 SHARKS	와 OTE	기 OTHERS
3	6115085	21056	367	277	0	0	0	0	5	0	13	0	3	9	60
	6200040	16960	144	23	1	80	0	0	0	1	6	0	9	0	24
	6200045	180422	2087	686	38	952	0	0	11	24	47	5	42	3	279
	6200050	86816	901	450	7	189	0	0	2	42	22	3	14	5	167
	6200055	25908	198	50	0	108	0	0	1	3	3	5	6	0	22
	6200060	204001	3358	1519	16	1388	3	0	16	78	24	3	48	11	252
	6200065	264939	3834	1400	92	1789	1	0	19	30	39	22	62	19	341
	6200070	103966	1237	357	15	711	3	0	6	17	4	5	29	9	81
	6200075	106769	1243	469	8	622	0	0	7	18	4	7	31	9	68
	6200080	6311	54	5	0	45	0	0	1	0	0	0	0	0	3
	6200085	5941	24	6	0	14	0	0	0	1	1	0	0	0	2
	6200095	32110	646	34	0	588	0	0	2	0	2	0	7	3	10
	6205040	175814	2067	741	209	599	1	0	11	21	36	3	47	7	392
	6205045	173188	2050	801	85	673	0	0	10	52	41	0	22	4	362
	6205050	80238	965	481	101	244	0	0	4	25	10	2	8	10	74
	6205055	50319	424	135	13	186	0	0	5	13	3	0	6	25	34
	6205060	141941	1808	309	5	1186	1	0	16	46	26	2	30	11	176
	6205065	72225	784	188	34	476	0	0	4	10	5	2	24	5	42
	6205070	220160	2553	756	9	1557	0	0	5	22	3	4	66	25	106
	6205075	161948	2202	359	4	1647	0	0	15	10	6	5	54	18	84

월 해 연 나 시 수 개 앞다래이 나개다래이 누다래이 가다래이 앞새치 노새치 새새치 도새치 샹 어 기라새치 기 파

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
3	6205080	2915	21	5	0	12	0	0	1	1	0	0	0	0	2
	6210040	88445	1139	495	173	167	0	0	5	7	13	27	14	3	235
	6210045	55012	562	270	108	135	0	0	2	4	5	3	2	0	33
	6210050	51520	657	242	77	245	0	0	6	10	6	0	5	13	53
	6210055	78650	997	305	272	333	0	0	3	10	4	0	22	14	34
	6210060	9542	88	44	2	26	0	0	0	2	1	0	10	0	3
	6210065	6097	54	17	0	32	0	0	1	1	0	0	0	0	3
	6210070	17829	142	44	5	89	0	0	0	1	0	0	1	0	2
	6210075	2220	133	6	0	102	0	0	0	0	0	0	6	0	19
	6210090	2730	26	0	5	19	0	0	0	0	0	0	0	1	1
	6210110	10200	200	25	51	98	0	0	3	1	1	0	2	1	18
	6215035	47248	495	236	87	103	0	0	1	4	2	14	3	0	45
	6215040	365566	5004	2487	434	1107	19	19	20	27	57	41	58	11	743
	6215045	2600	13	3	6	0	0	0	1	0	0	0	0	0	3
	6215110	62010	1609	194	99	1156	0	0	4	1	2	0	0	3	150
	6220035	93770	1288	703	207	243	15	15	4	9	4	9	11	2	81
	6220040	86580	1061	528	113	323	6	6	5	2	6	7	10	2	59
	6220050	6920	33	9	11	4	0	0	0	1	0	0	3	0	5
	6225035	6441	63	14	30	7	0	0	2	0	1	0	3	1	5
	6225040	2500	7	5	0	0	0	0	0	0	0	0	1	0	1
3	6225045	2960	16	7	6	0	0	0	0	0	1	0	0	0	2
	6230035	14150	199	13	141	17	0	0	2	0	2	0	13	2	9
	6230040	3010	24	0	16	6	0	0	0	0	0	0	0	0	2
TOTAL		4285528	52890	17086	2500	23762	70	70	313	613	646	243	047	307	5603

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
4	6100045	21825		746	369	0	321	0	7	14	3	1	10	3	16
	6100050	288302		3966	976	7	2265	2	30	40	78	27	14	9	518
	6100055	655496		9342	1847	68	6215	25	101	146	59	29	241	177	434
	6100060	430415		7035	1838	6	4075	15	126	87	37	23	98	75	655
	6100065	63721		951	349	6	359	0	6	22	7	6	19	7	170
	6100075	146085		2023	445	1	1344	0	12	49	14	31	10	6	111
	6100080	41345		653	136	0	408	0	2	41	4	0	10	19	33
	6100085	68996		1230	454	0	670	0	0	7	9	7	3	2	78
	6100090	56364		835	93	0	708	0	9	4	1	3	10	1	6
	6105050	21111		199	18	0	158	0	2	2	3	1	2	1	12
	6105055	182937		2865	248	0	1818	0	45	26	22	7	70	3	624
	6105060	70456		610	59	0	431	0	19	2	8	0	23	2	66
	6105065	34200		286	12	0	220	0	1	14	5	4	2	2	26
	6105070	6808		59	0	0	52	0	0	2	1	1	0	0	3
	6105075	44112		545	46	0	395	0	0	46	3	17	7	0	31
	6105090	8910		44	9	0	25	0	0	0	0	0	1	0	9
	6110080	80410		1201	881	0	4	0	37	48	31	38	5	10	147
	6110090	2600		4	2	0	1	0	0	0	0	0	1	0	0
	6115080	39850		412	278	0	0	0	10	6	17	24	2	4	71
	6115085	45250		466	331	0	0	0	19	5	14	29	2	9	57

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
4	6200045	29200	418	170	14	173	0	9	2	12	0	0	1	37
	6200050	107034	1290	554	7	523	14	6	15	21	8	26	19	97
	6200055	155602	2859	888	26	1637	2	39	35	26	0	14	8	184
	6200060	299113	4762	2004	67	2137	3	66	60	50	29	66	23	257
	6200065	253448	3826	1262	20	2142	2	48	47	28	34	40	8	195
	6200070	231814	3742	1300	19	2075	1	57	55	20	20	54	14	127
	6200075	17660	225	98	0	100	0	5	3	2	0	4	0	13
	6200080	9620	185	56	0	94	0	5	1	2	7	9	0	11
	6205040	2928	9	4	0	0	0	0	0	1	0	0	0	4
	6205045	2200	40	7	5	26	0	0	0	0	0	2	0	0
	6205050	9477	104	37	0	48	0	5	1	0	0	2	10	1
	6205055	2400	14	3	0	6	0	2	1	0	0	0	0	2
	6205060	133685	1566	380	26	913	6	29	27	25	12	16	2	130
	6205065	136985	1917	496	25	1171	1	34	19	13	19	20	7	112
	6205070	5808	65	19	0	34	0	1	4	1	0	2	0	4
	6205080	2600	22	2	0	8	0	8	0	0	1	0	0	3
	6205090	13500	263	98	0	165	0	2	1	2	5	1	1	8
	6205095	6318	117	23	18	50	0	1	4	0	0	0	9	12
	6210050	61513	1103	619	222	216	0	12	5	0	5	0	10	14
	6210055	101096	2214	1135	622	348	0	13	3	2	38	0	39	14

월 MONTH	매 AREA	이 NO	나 HOOKS	수 TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
4	6210060		7995	105	46	0	16	0	0	1	3	1	0	0	38
	6210105		56709	779	121	235	385	0	6	7	1	2	4	9	9
	6210110		93189	1391	308	472	520	0	24	11	2	4	10	23	17
	6215035		31990	409	90	10	237	0	0	4	7	0	0	0	61
	6215040		26480	336	115	5	151	0	0	5	5	5	3	0	47
	6215055		13100	416	217	156	11	0	5	3	0	23	0	0	1
	6215105		6180	82	10	15	50	0	3	0	1	1	0	0	2
	6220035		10530	63	21	11	16	0	0	1	2	0	0	0	12
	6220040		13080	128	81	10	27	0	1	1	1	0	1	0	6
	6225040		3030	23	13	3	0	0	2	0	0	0	2	0	3
TOTAL		4159777	61905	18568		2076	32748	71	809	879	543	462	806	513	4490

[illegible]

MONTH	AREA	NO	HOOKS	TOTAL	YFI	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
5	6200050	24993	224	99	7	72	31	1	5	3	0	0	3	3	
	6200055	104262	1445	347	9	967	10	5	24	9	4	8	7	55	
	6200060	156928	1854	920	31	750	2	10	37	14	7	8	3	72	
	6200065	53567	571	283	24	199	2	2	19	5	2	4	5	26	
	6200070	61600	1452	1041	54	230	0	6	22	9	4	11	7	68	
	6200075	51003	496	241	3	200	0	4	9	3	2	4	4	26	
	6200080	25501	357	238	0	89	2	1	2	3	2	2	4	14	
	6200085	11600	96	44	0	23	0	2	6	5	0	1	0	10	
	6200090	21620	132	66	0	54	0	0	1	3	0	2	1	5	
	6200095	15698	261	66	10	144	0	1	3	1	0	2	4	30	
	6205060	34670	368	207	0	134	0	2	4	4	0	2	0	15	
	6205065	33172	384	75	3	254	0	3	2	3	0	2	1	41	
	6205070	11332	112	50	2	50	0	1	0	1	1	1	0	6	
	6205075	17144	91	26	2	38	3	2	3	3	2	1	1	10	
	6205080	3080	5	0	0	1	0	0	0	1	1	0	0	2	
	6205090	20475	137	77	4	90	0	1	5	2	0	1	1	6	
	6205095	45257	756	246	63	306	0	2	10	4	1	3	19	102	
	6205100	30555	411	120	116	159	0	1	3	1	0	2	1	8	
	6205110	3100	21	5	10	4	0	0	0	0	0	0	1	1	
	6210055	88230	2376	1604	446	169	0	3	0	3	82	0	0	69	

구분	매월	이월	나시수	개	앞다래이	나개다래이	후다래이	가다래이	앞새지	노새지	STM	SAI	SHARKS	OTB	OTHERS
MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
S	6210060	51460		1184	726	272	61	0	2	0	1	70	0	0	52
	6210065	3036		18	11	0	6	0	0	0	0	0	0	0	1
	6210070	3036		20	12	0	6	0	0	0	0	0	0	0	0
	6210095	22227		273	59	64	93	0	2	4	0	0	0	0	46
	6210100	66816		816	277	94	324	0	3	14	1	0	0	22	81
	6210105	16920		155	69	2	71	0	0	4	0	1	2	1	5
	6210110	45130		620	246	170	181	0	1	5	1	3	1	1	11
	6215055	14240		271	139	115	9	0	0	0	3	2	0	1	2
	TOTAL	4761996		65863	27606	1871	36527	316	212	764	364	314	400	299	418

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
6	6100040	23960		346	123	9	184	0	0	8	1	0	0	7	14
	6100045	53070		774	187	7	570	0	0	4	0	0	0	1	5
	6100050	90488		684	197	2	427	0	1	22	2	0	0	0	33
	6100055	194103		1834	907	18	765	0	2	45	4	0	0	11	82
	6100060	167107		1512	630	54	654	6	2	26	4	0	0	23	111
	6100065	427530		4217	1703	90	2007	11	4	66	7	0	0	30	299
	6100070	2970		22	7	0	11	0	0	1	0	0	0	2	1
	6100075	92649		830	365	0	386	0	1	26	2	0	0	6	44
	6100080	22255		239	139	0	87	0	0	2	1	0	0	6	10
	6100085	2990		27	11	0	13	0	0	1	0	0	0	0	2
	6100090	8685		70	27	0	37	0	0	1	0	0	0	5	0
	6105050	3150		12	0	0	10	0	0	1	0	0	0	0	1
	6105055	48801		348	70	0	210	0	1	4	2	0	0	1	60
	6105060	235165		2547	269	2	1854	30	5	84	8	0	0	7	288
	6105065	150826		1123	297	24	722	2	1	9	3	0	0	6	59
	6105070	2970		15	11	0	2	0	0	1	0	0	0	0	1
	6105090	5850		56	36	0	12	0	0	2	0	0	0	5	1
	6105095	3000		23	7	2	12	0	0	1	0	0	0	0	1
	6110100	2616		12	2	7	2	0	0	1	0	0	0	0	0
	6200040	31990		234	77	3	146	0	0	2	2	0	0	3	1

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
6	6205090	147361	1884	653	13	1072	0	1	40	2	0	0	47	56	
	6205095	354374	4687	1547	309	2454	5	3	62	6	0	0	130	171	
	6205100	149813	2362	885	446	903	0	1	41	3	0	0	41	42	
	6205105	2940	34	10	0	23	0	0	0	0	0	0	0	1	
	6210050	8400	54	16	14	19	0	0	0	2	0	0	1	2	
	6210055	24820	256	140	88	20	0	0	0	2	1	0	0	5	
	6210060	24065	450	274	27	130	6	0	2	1	0	0	2	8	
	6210065	12000	165	68	70	27	0	0	0	0	0	0	0	0	
	6210070	2970	41	6	0	9	0	0	1	0	0	0	0	25	
	6210080	37299	409	108	46	241	0	0	2	1	0	0	0	11	
	6210085	76500	1270	359	25	850	0	1	5	1	0	0	5	24	
	6210090	15650	207	46	41	107	0	0	1	0	0	0	4	8	
	6210095	48102	728	152	62	332	0	1	6	1	0	0	43	131	
	6210100	115884	1338	462	206	512	0	1	13	1	0	0	58	85	
	6210105	89295	1224	228	145	701	0	1	16	2	0	0	41	90	
6210110	64957	828	224	243	330	0	0	8	0	0	0	13	10		
6210115	71434	953	245	327	354	0	0	7	0	0	0	8	12		
6215100	5052	63	32	0	27	0	0	1	0	0	0	0	3		
6215105	2520	30	12	0	14	0	0	2	0	0	0	0	2		
6230045	22980	445	21	422	0	0	0	0	0	0	0	0	2		
6230050	15370	306	0	288	17	0	0	0	0	0	0	0	1		
6235050	5810	120	0	116	4	0	0	0	0	0	0	0	0		
TOTAL	4466649	49104	17307	3429	23587	129	41	782	115	0	0	628	3166		

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
7	6100040	6460	42	23	0	16	0	1	0	0	0	0	0	2
	6100045	3150	52	15	0	37	0	0	0	0	0	0	0	0
	6100050	13060	268	153	0	110	0	0	1	0	1	0	0	3
	6100055	13500	179	109	1	53	0	0	2	0	3	2	0	9
	6100060	81771	1194	353	3	649	0	19	11	1	4	14	2	138
	6100065	155188	1943	386	8	1162	0	11	31	2	17	43	13	270
	6100075	362469	6302	3291	5	2443	0	42	70	6	48	20	16	361
	6100080	64316	770	254	1	474	0	3	2	1	0	3	14	18
	6100085	21720	151	38	0	105	0	0	2	0	3	0	0	3
	6100090	35065	238	66	0	149	0	0	2	0	13	1	1	6
	6100095	2808	19	4	0	13	0	0	0	0	2	0	0	0
	6105060	97001	702	71	0	443	0	14	15	4	6	22	9	118
	6105065	11215	44	4	0	20	0	1	2	0	2	2	1	12
	6105075	6720	83	25	0	53	0	2	1	0	1	0	1	0
	6105085	2808	10	4	0	4	0	0	0	0	1	0	0	1
	6105105	2648	40	24	1	15	0	0	0	0	0	0	0	0
	6110045	6240	45	23	14	6	0	0	0	0	0	0	0	2
	6200040	2350	8	1	0	4	0	1	0	0	0	0	0	2
	6200045	10360	212	128	2	76	0	0	1	0	0	0	0	5
	6200050	24300	451	185	0	240	0	2	2	0	0	2	0	20

월 MONTH	매 AREA	여 기 NO	시 수 / HOOKS	개 TOTAL	와 다 래 이 YFT	나 개 다 래 이 ALB	부 다 래 이 BET	가 다 래 이 SKJ	와 다 래 이 SWO	부 다 래 이 BUM	와 다 래 이 STM	와 다 래 이 SAI	와 다 래 이 SHARKS	와 다 래 이 OTB	기 타 기 타 OTHERS
7	6200055	2950		54	20	0	10	0	0	1	0	2	4	0	17
	6200060	5590		53	20	1	26	0	0	1	0	0	0	1	4
	6200065	19225		233	56	3	87	0	2	4	1	0	2	1	77
	6200070	147893		2308	734	36	1046	0	17	13	3	7	32	6	414
	6200075	533839		6617	1785	81	3827	0	64	45	12	48	33	19	703
	6200080	137112		1224	378	21	710	0	10	2	5	10	4	7	77
	6200085	252350		2490	942	14	1300	0	8	18	13	14	11	11	159
	6200090	136463		1083	319	14	658	0	5	5	6	22	3	6	45
	6200095	200694		2963	1002	22	1792	0	6	19	4	8	4	41	65
	6200100	8250		90	19	1	65	0	0	1	0	1	0	0	3
	6205040	44190		435	69	71	255	0	5	4	0	0	4	0	27
	6205045	13390		117	23	1	81	0	1	1	0	2	0	1	7
	6205055	3330		39	27	0	10	0	1	0	0	0	0	0	1
	6205060	30200		196	80	1	92	0	2	1	1	1	4	2	12
	6205065	28377		327	135	94	84	0	1	1	1	0	0	0	11
	6205070	29374		294	137	1	105	0	0	2	1	2	8	1	37
	6205075	132301		1512	247	1	1127	0	17	13	6	3	5	4	89
	6205080	152124		1690	397	1	1090	0	11	11	7	8	11	8	146
	6205085	217823		2682	861	154	1415	0	10	18	6	10	30	6	170
	6205090	282960		3678	1078	214	2031	0	10	16	5	11	17	5	291

월 MONTH	매 AREA	이 NO	이 HOOKS	개 TOTAL	와타베이 YFT	나카타베이 ALB	후타베이 BET	가타베이 SKJ	와사비 SWO	노새시 BUM	치새시 STM	노새시 SAI	샐 SHARKS	어 OTB	기타 OTHERS
7	6205095	687360	9475	2938	620	5458	0	31	40	9	26	24	92	237	
	6205100	204708	2567	782	189	1464	0	6	17	2	2	8	16	81	
	6205105	65718	753	209	10	452	0	4	10	2	1	1	10	46	
	6205110	24113	339	105	0	215	0	2	2	0	0	0	4	11	
	6210040	19800	253	67	152	24	0	1	0	0	8	0	0	1	
	6210055	23026	322	101	128	69	0	1	0	0	0	4	1	18	
	6210060	88167	808	310	11	412	0	3	5	3	5	10	4	45	
	6210065	21565	236	53	22	140	0	1	2	1	0	2	0	15	
	6210080	33260	447	93	33	304	0	1	1	0	2	3	2	6	
	6210085	8700	141	22	0	113	0	1	1	0	0	0	0	4	
	6210090	*11160	105	16	26	55	0	1	0	0	0	0	1	4	
	6210095	32740	357	108	83	144	0	2	2	0	1	1	3	13	
	6210100	227071	2775	518	581	1477	0	5	15	3	4	15	41	116	
	6210105	191935	2581	521	451	1398	0	5	12	5	2	12	79	96	
	6210110	188425	2931	611	369	1800	0	8	9	2	15	15	29	73	
	6210115	64117	739	143	123	435	0	4	3	0	0	1	6	24	
	6215040	5050	85	5	69	0	0	0	0	0	10	0	0	1	
	6215055	8420	131	0	114	2	0	0	0	0	14	0	0	1	
	6215100	34574	501	108	136	226	0	1	2	1	0	8	1	18	
	6215105	35174	660	145	122	334	0	1	4	0	0	2	6	46	

MONTH	AREA	NO HOOKS	TOTAL YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
7	6215110	35105	533	33	313	0	2	1	0	1	2	2	14
	6215115	7560	139	2	116	0	1	1	0	0	0	0	4
	6225040	20830	356	5	298	0	3	0	0	2	7	0	17
	6230045	40670	644	37	548	0	3	0	0	31	2	0	9
	6230050	36540	433	20	314	0	1	0	0	97	0	0	1
	6230055	13130	228	7	221	0	0	0	0	0	0	0	0
	6235050	2830	40	4	35	0	0	0	0	0	0	0	1
	TOTAL	5440352	69417	20596	5456	36872	0	354	445	113	398	483	4229

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
8	6100040	10500	216	57	5	126	0	0	1	2	2	3	0	20
	6100045	15420	86	11	0	24	0	0	3	2	20	2	0	24
	6100050	9750	89	8	0	64	0	0	14	0	0	1	0	2
	6100055	3375	19	4	5	8	0	0	0	0	0	0	2	0
	6100060	213667	2918	984	31	1343	3	11	251	8	37	19	10	221
	6100065	237986	3620	1102	113	1830	0	6	85	12	25	29	8	410
	6100070	63155	698	280	5	293	1	3	17	2	13	12	4	68
	6100075	175156	2455	557	6	1609	0	6	56	6	24	21	27	143
	6100080	6400	112	6	0	97	0	1	2	0	0	0	0	6
	6100085	2700	12	5	0	5	0	0	1	0	0	0	0	1
	6100090	11455	96	30	0	51	0	0	1	1	0	0	2	11
	6105045	10440	79	18	0	51	0	0	1	1	0	1	0	7
	6105060	94183	1000	67	0	749	0	4	37	5	3	16	1	118
	6105065	163460	2722	199	6	1466	0	1	84	8	2	10	14	932
	6105070	16050	143	44	5	76	0	0	2	1	0	0	2	13
	6105075	84942	1853	15	0	1742	0	3	12	3	1	10	5	62
	6105080	6330	66	25	0	31	0	0	0	1	2	0	0	7
	6110070	6150	96	55	4	35	0	0	0	0	0	0	0	2
	6200060	62390	529	250	30	145	5	1	28	3	15	5	6	41
	6200065	66059	624	206	48	259	0	1	24	5	10	3	3	65

월 MONTH	해 AREA	이 NO	시수 HOOKS	총 TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	시새치 STM	도새치 SAI	상어 SHARKS	기타새치 OTB	기타 OTHERS
8	6200070	131563	1777	679	27	844	0	9	36	3	2	23	8	146	
	6200075	383624	4782	1844	93	2230	0	14	56	16	51	27	6	443	
	6200080	146852	1351	309	11	816	0	2	20	11	13	6	8	155	
	6200085	42956	344	92	26	157	0	1	7	3	0	1	2	55	
	6200090	69880	553	159	1	334	0	2	10	2	7	0	7	31	
	6200095	35700	344	121	22	183	0	0	7	0	0	0	7	4	
	6205040	7410	88	30	0	48	0	0	4	0	0	1	0	5	
	6205055	9990	67	32	6	21	0	0	1	1	0	0	0	6	
	6205060	5325	32	3	8	14	5	0	1	0	0	0	0	1	
	6205065	126126	1438	464	1	765	0	3	49	9	10	8	1	128	
	6205070	187141	2831	1105	62	1322	0	7	33	13	9	16	25	239	
	6205075	304276	3550	590	130	2322	0	7	43	23	46	19	9	361	
	6205080	395153	4043	768	85	2682	3	8	52	24	21	14	17	369	
	6205085	149297	1846	345	149	1197	0	2	33	6	1	8	14	91	
	6205090	66825	703	167	45	427	0	1	9	3	2	2	9	38	
	6205095	84609	874	266	46	494	0	2	17	1	0	2	19	27	
	6205100	155674	1618	380	62	1056	0	0	30	4	0	6	25	55	
	6205105	161358	2243	801	48	1212	0	1	22	7	8	4	34	106	
	6205110	105928	1172	166	3	858	0	1	37	5	8	5	34	55	
	6205115	1680	31	9	0	21	0	0	0	0	0	0	1	0	

월 배 연 나 시 수 개 와 다 레 이 나 개 다 레 이 부 다 레 이 가 다 레 이 와 세 지 도 세 지 도 세 지 사 어 기 파 세 지 기 파
MONTH AREA NO HOOKS TOTAL YFT ALB BET SKJ SWO BUM STM SAI SHARKS OTB OTHERS

8	6210045	2400	10	4	3	3	0	0	0	0	0	0	0	0	0
	6210055	96955	1966	1015	728	134	0	0	1	1	66	4	0	17	
	6210060	39710	749	418	183	122	0	1	1	1	11	1	1	10	
	6210065	30275	250	71	0	133	0	1	3	2	3	0	12	25	
	6210070	187658	2365	742	34	1390	0	4	19	9	14	12	5	136	
	6210075	94986	1157	250	112	726	0	1	8	2	3	6	9	40	
	6210080	205474	2644	405	205	1818	2	3	7	5	9	14	17	159	
	6210085	165300	2003	240	154	1515	0	1	16	2	1	10	17	47	
	6210090	52491	637	135	20	438	0	0	5	2	5	3	3	26	
	6210095	45675	569	152	143	215	0	0	5	2	12	6	2	32	
	6210100	80968	1322	223	141	874	0	1	16	3	2	7	6	47	
	6210105	117190	1387	366	77	783	0	2	15	5	5	6	60	68	
	6210110	212498	2838	364	204	1952	0	2	47	5	7	12	40	205	
	6210115	166600	2353	266	152	1726	0	4	15	2	3	14	47	124	
	6210120	5880	117	20	0	85	0	0	0	0	0	4	0	8	
	6215055	15780	407	47	343	0	0	0	0	0	14	0	0	3	
	6215080	2420	19	0	7	12	0	0	0	0	0	0	0	0	
	6215100	24174	435	98	12	295	0	0	5	1	0	2	5	17	
	6215105	27260	475	151	8	277	0	0	5	2	0	2	5	25	
	6215110	16332	236	88	7	123	0	0	9	0	3	0	3	3	
	6225030	2680	64	0	62	0	0	0	0	0	0	0	0	2	
	6225035	72133	1846	12	1740	23	0	5	0	0	0	10	0	56	
	6225040	49150	663	77	499	69	0	0	0	0	6	3	0	9	
	TOTAL	5546944	71632	17397	5917	39720	19	122	1265	235	496	390	577	5527	

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
9	6100045	7860		70	28	17	25	0	0	0	0	0	0	0	0
	6100050	5400		31	4	12	12	0	0	0	0	0	0	0	3
	6100055	10800		136	22	45	39	0	0	0	0	0	0	0	30
	6100060	373147		3563	1502	22	1697	15	11	40	13	6	13	13	231
	6100065	485019		6393	3088	49	2903	2	16	52	16	31	22	40	172
	6100070	93592		1469	790	2	552	0	6	9	2	1	27	0	80
	6100075	41485		315	101	1	179	0	1	6	1	2	4	8	12
	6100080	3160		48	21	0	25	0	0	0	0	1	0	0	1
	6100085	9373		155	15	0	82	0	1	2	0	0	0	2	55
	6100090	5730		46	15	0	32	0	0	0	0	0	0	0	1
	6105045	29400		312	93	1	201	0	0	0	3	2	3	0	9
	6105060	394302		4017	569	0	2722	5	8	58	29	3	39	23	561
	6105065	187999		1973	325	0	1293	1	3	39	11	13	11	17	260
	6105070	3120		60	14	0	45	0	0	1	0	0	0	0	0
	6105075	5980		31	13	0	17	0	0	1	0	0	0	0	0
	6105090	2750		10	9	0	1	0	0	0	0	0	0	0	0
	6110040	12720		168	91	38	30	0	0	1	1	0	2	0	5
	6200050	7020		20	12	0	2	0	0	1	1	0	1	0	3
	6200055	42906		431	215	2	178	0	2	4	3	3	2	6	16
	6200060	100723		891	316	143	358	3	3	12	4	2	3	6	41

월 MONTH	배 AREA	연 NO	시 HOOKS	개 TOTAL	와타레이 YFT	나가타레이 ALB	부타레이 BET	가타레이 SKJ	와타레이 SWO	노새치 BUM	시새치 STM	도새치 SAI	사 SHARKS	어기타새치 OTB	기타 OTHERS
9	6200065	281038		2918	1680	48	1023	3	7	25	5	9	8	6	104
	6200070	164282		2136	1296	4	733	0	3	6	2	8	11	11	62
	6200075	344207		3498	1176	22	2180	0	12	9	3	4	13	15	59
	6200080	75881		520	213	3	270	0	2	3	6	2	0	4	17
	6200085	12909		95	37	2	44	0	0	1	0	0	0	10	1
	6200090	34145		251	37	0	202	0	2	1	0	0	0	9	0
	6200095	8450		45	15	0	29	0	0	0	0	0	0	0	1
	6205040	24180		173	46	0	114	0	0	1	1	0	3	1	7
	6205045	31590		326	144	0	162	0	1	0	3	0	4	1	11
	6205055	83435		854	297	50	480	0	2	4	5	1	4	1	10
	6205060	159202		1955	782	20	1031	29	4	10	8	3	5	12	51
	6205065	277310		2629	1155	50	1314	1	5	20	17	7	6	16	38
	6205070	14573		159	70	29	50	0	0	1	1	0	1	3	4
	6205075	52515		420	85	0	318	0	2	2	2	1	1	2	7
	6205080	229198		1838	485	10	1244	0	4	5	14	2	4	27	43
	6205085	95594		957	241	4	682	0	1	1	8	4	2	5	9
	6205090	114597		933	164	31	710	0	2	2	6	0	1	15	2
	6205095	170862		1391	371	39	903	0	2	14	3	2	11	15	31
	6205100	222888		1631	328	102	1102	0	2	16	6	4	5	24	42
	6205105	92037		738	76	38	578	0	0	6	2	0	3	26	9

[illegible]

월	매	어	기	나	수	개	와	다	래	이	나	개	다	래	이	부	다	래	이	가	다	래	이	와	다	래	이	노	새	치	도	새	치	사	어	기	파	새	치	기	타
MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS																										
10	6100040	10360	117	55	6	46	0	0	0	1	0	0	0	2	7																										
	6100045	10776	370	256	34	71	0	0	0	5	0	0	0	1	3																										
	6100050	97362	1507	491	56	861	0	0	1	14	4	0	3	8	69																										
	6100055	53538	504	134	38	261	3	3	1	26	5	1	4	5	26																										
	6100060	124918	1476	635	78	607	0	0	6	23	9	5	3	8	102																										
	6100065	191323	2497	948	119	1280	14	11	11	31	6	2	3	10	73																										
	6100070	23490	278	113	22	127	1	1	1	2	1	1	0	4	6																										
	6100075	97401	1084	244	27	760	2	2	3	7	3	2	4	3	29																										
	6100080	5490	67	2	0	58	0	0	1	1	1	0	0	0	4																										
	6100085	41463	344	47	5	264	0	0	1	4	2	0	2	5	14																										
	6100090	14460	35	5	1	26	0	0	0	0	1	0	0	1	1																										
	6105050	5655	91	0	0	82	0	0	0	2	1	0	1	0	5																										
	6105055	96323	1299	89	10	1037	0	0	5	29	8	0	11	21	89																										
	6105060	151106	1615	219	24	1112	0	0	7	45	12	5	12	7	172																										
	6105065	132038	1258	356	40	718	16	16	2	10	8	1	3	4	100																										
	6105070	19980	398	185	21	185	0	0	0	2	1	0	0	0	4																										
	6105075	11293	106	26	3	71	0	0	1	1	0	0	0	1	3																										
	6105080	8250	84	0	0	31	0	0	1	1	1	0	0	3	47																										
	6105085	2540	9	0	0	4	0	0	0	2	0	0	0	1	2																										
	6200040	112995	1006	243	30	656	3	3	4	11	14	0	5	5	35																										

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
10	6200045	83649		1125	413	49	551	9	7	13	11	2	7	7	56
	6200050	17460		110	39	7	39	8	1	1	1	1	1	2	10
	6200055	49206		669	130	14	496	0	2	3	1	0	2	1	20
	6200060	144652		1526	455	53	918	2	5	22	5	3	2	15	46
	6200065	113610		1078	307	36	645	6	7	18	3	1	3	8	44
	6200070	67978		731	281	42	361	0	2	12	1	2	1	9	20
	6200075	160800		1680	726	96	738	0	8	27	6	0	7	8	64
	6200080	85352		829	318	40	431	0	2	7	6	0	1	9	15
	6200085	25047		217	51	8	146	0	0	2	2	0	1	1	6
	6200090	14058		99	40	4	47	0	0	1	1	0	1	4	1
	6200095	16060		193	20	2	167	0	0	1	0	0	0	2	1
	6205040	209505		3286	1520	183	1440	0	8	18	21	2	8	16	70
	6205045	46666		490	243	27	181	0	1	7	4	2	2	5	18
	6205050	2750		69	22	5	38	0	0	1	0	0	0	0	3
	6205055	94469		1735	417	118	1136	0	3	15	5	1	4	3	33
	6205060	282814		3389	1076	164	1967	0	9	41	12	4	7	21	88
6205065	142210		1446	602	68	702	0	4	14	3	4	2	7	40	
6205070	284497		4214	959	130	2891	3	21	16	6	4	9	18	157	
6205075	91349		898	227	25	580	0	4	3	1	1	2	6	49	
6205080	137938		1790	148	20	1492	0	8	4	4	0	2	12	100	

월 MONTH	매 AREA	어 NO	시 HOOKS	개 TOTAL	양 YFT	양 ALB	양 BET	양 SKJ	양 SWO	양 BUM	양 STM	양 SAI	양 SHARKS	양 OTB	양 OTHERS
10	6205085	51934	335	32	15	275	0	0	4	3	0	0	1	5	
	6205090	17993	256	22	2	226	0	0	1	0	0	0	1	4	
	6205095	42735	389	84	9	270	0	2	5	1	0	0	1	16	
	6205100	152728	1425	185	116	1059	0	3	8	2	3	4	10	35	
	6205105	55947	334	32	5	279	0	1	5	1	0	0	4	7	
	6205110	3250	17	1	0	16	0	0	0	0	0	0	0	0	
	6210040	120826	2204	989	652	448	2	1	14	7	10	9	4	68	
	6210045	8549	123	59	10	44	0	1	0	0	0	0	0	8	
	6210055	124129	1807	751	640	384	0	1	7	4	3	1	2	14	
	6210060	17615	197	85	9	92	0	1	1	1	0	0	1	7	
	6210065	31714	295	90	75	112	0	0	3	2	1	1	3	8	
	6210070	117638	1679	533	86	955	1	7	7	2	3	5	8	72	
	6210075	14904	134	28	4	99	0	0	1	0	0	0	1	1	
	6210095	5960	38	3	0	32	0	0	2	0	0	0	0	1	
	6210100	29310	335	10	48	264	0	2	2	0	0	0	1	8	
	6210105	126162	1503	36	91	1324	0	2	7	2	1	3	12	25	
	6210110	163715	2130	60	165	1795	0	5	13	7	0	6	33	46	
	6210115	20740	306	5	8	271	0	1	2	1	0	2	1	15	
	6210120	64400	972	36	4	869	0	5	2	3	0	5	8	40	
	6215055	50712	1171	238	872	37	0	1	0	1	5	0	0	17	

월 MONTH	매 AREA	어 NO	시 HOOKS	개 TOTAL	와타레이 YFT	나개타레이 ALB	후다베이 BET	가타레이 SKJ	와타레이 SWO	노새치 BUM	시새치 STM	노새치 SAI	SHARKS	OTB	기 OTHERS
10	6215090	8590	66	66	6	6	50	0	0	0	0	0	0	0	4
	6215095	20800	261	261	20	25	203	0	1	1	1	0	1	1	8
	6215100	33536	457	457	25	55	365	0	1	1	0	0	1	1	8
	6215105	40020	755	755	23	48	672	0	0	1	1	0	1	4	5
	6215110	2700	38	38	0	0	36	0	0	0	1	0	0	1	0
	TOTAL	4607478	56946	56946	15395	4550	33400	70	172	530	210	70	156	339	2054

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월	매	AREA	날	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STW	SAI	SHARKS	OTB	OTHERS
MONTH	DATE		TIME														
11	6200075	53324	487	174	11	240	0	1	6	1	0	0	0	0	6	48	
	6200080	19170	141	51	5	77	0	0	1	0	0	0	0	0	4	3	
	6200085	21385	152	40	0	93	0	3	3	1	0	0	0	0	0	12	
	6200095	8560	62	28	0	32	0	0	1	0	0	0	0	0	0	1	
	6205040	487665	5739	2263	30	3257	3	12	37	22	2	12	47	104			
	6205045	175445	2542	1141	3	1283	0	9	20	8	1	4	13	60			
	6205050	168845	1811	882	44	768	6	6	19	5	2	3	9	67			
	6205055	362716	5497	2208	110	2950	0	10	53	8	3	6	33	116			
	6205060	176267	2030	499	3	1385	1	12	30	1	1	2	8	88			
	6205065	114724	1340	536	43	680	2	4	12	1	0	2	8	52			
	6205070	85456	820	285	3	499	0	2	8	0	0	5	1	17			
	6205075	152723	1073	299	14	695	0	8	8	1	1	2	0	45			
	6205080	58636	404	81	4	361	0	6	4	1	0	0	2	25			
	6205085	20473	92	9	1	76	0	1	0	0	0	0	1	4			
	6205090	31744	227	31	10	174	0	2	1	0	0	0	1	8			
	6205095	2442	13	6	0	5	0	0	1	0	0	0	0	1			
	6205100	36788	315	28	66	214	0	0	0	0	0	0	5	2			
	6205105	8450	61	18	2	40	0	0	0	0	0	0	1	0			
	6210040	43509	566	314	68	151	0	2	8	1	0	2	5	15			
	6210045	4510	119	16	14	78	0	0	1	1	1	0	0	8			

[illegible]

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
12	6100050	97076		1075	375	0	572	0	3	12	9	4	21	4	75
	6100055	56835		587	159	0	385	0	5	0	4	0	6	0	28
	6100060	90802		1056	160	0	773	0	5	6	9	1	20	2	80
	6100065	126309		1667	249	2	1254	6	12	4	15	4	24	6	91
	6100070	21458		328	74	0	234	0	1	2	1	3	2	3	8
	6100075	33992		426	120	3	258	0	5	3	4	2	2	3	26
	6100080	11427		134	18	0	66	0	1	16	1	2	1	1	28
	6100085	58041		669	116	16	435	5	3	16	10	2	7	8	51
	6100090	2700		32	4	1	23	0	0	0	0	0	1	1	2
	6105055	2640		76	46	0	27	0	1	0	0	0	0	0	2
	6105060	39225		244	24	0	198	0	1	3	3	0	1	1	13
	6105065	171577		2474	166	0	1894	9	12	21	18	13	18	9	314
	6105070	90830		2285	21	0	2124	0	10	13	9	8	17	0	83
	6105075	3432		28	6	0	21	0	2	0	1	0	0	1	3
	6105090	18900		249	61	8	118	22	6	2	0	5	2	5	20
	6200040	48580		830	225	6	535	0	3	1	4	0	3	6	17
	6200045	144058		1826	515	3	1188	0	12	7	9	4	14	2	72
	6200050	568793		8997	2663	1	5700	9	41	32	47	73	65	50	316
	6200055	336731		6498	2556	46	3439	0	31	12	18	36	52	19	289
	6200060	79357		1073	256	1	710	0	9	5	8	5	14	3	62

월 MONTH	매 AREA	어 NO	낚시 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
12	6200065	57331	692	145	4	461	0	4	7	9	11	8	3	40	
	6200075	15336	197	68	1	113	0	2	2	2	1	0	2	6	
	6200080	6235	53	10	6	28	0	0	0	1	0	1	5	2	
	6200085	3250	29	6	0	22	0	0	0	0	0	0	1	0	
	6200090	5720	29	4	0	18	0	1	1	1	0	0	0	4	
	6205040	279166	4057	1140	14	2732	1	9	20	19	13	8	18	83	
	6205045	563858	8169	2575	79	5216	1	14	22	42	20	27	18	155	
	6205050	637423	10288	4380	111	5320	6	24	22	55	79	38	20	233	
	6205055	346096	6611	2902	87	3344	0	14	15	30	31	21	16	151	
	6205060	103187	2138	675	11	1392	0	4	4	6	7	6	2	31	
	6205065	42756	481	92	26	330	0	3	1	4	2	4	0	19	
	6205070	3250	34	1	0	31	0	0	1	0	0	0	0	1	
	6205090	6370	31	9	0	20	0	0	0	1	0	0	0	1	
	6205105	16120	193	38	21	132	0	0	0	2	0	0	0	0	
	6210040	48693	640	197	59	340	0	3	5	3	2	2	10	19	
	6210045	3250	21	2	7	8	1	0	0	1	0	0	0	2	
	6210050	129069	2488	267	679	1445	0	2	20	6	9	5	4	51	
	6210055	74186	1118	137	660	267	1	1	8	3	19	2	1	19	
	6210060	6240	30	14	3	10	0	0	0	1	0	0	0	2	
	6210065	20552	273	36	68	167	0	0	0	1	0	0	0	1	

월 MONTH	매 AREA	이 NO	시 HOOKS	수 TOTAL	개 YFT	나 ALB	가 BET	다 SKJ	래 SWO	이 BUM	시 STM	새 SAI	시 SHARKS	어 OTB	기 OTHERS
12	6210105	105679	1357	243	137	948	0	0	4	8	0	0	0	0	17
	6210110	14625	124	15	2	104	0	0	1	1	0	0	0	0	1
	6210115	79725	939	174	144	564	0	3	10	0	0	0	3	14	27
	6215040	57540	1067	528	145	286	14	6	3	5	46	4	4	4	26
	6215055	12950	232	65	103	35	0	0	0	1	23	0	3	3	2
	6215105	57420	908	155	44	685	0	2	3	2	4	1	3	3	9
	6220040	22560	259	139	7	88	5	1	2	2	2	2	2	2	9
	6220105	40140	582	46	41	473	0	0	1	2	0	0	0	6	13
	6220110	7920	85	18	0	61	0	0	0	0	0	0	1	0	5
	6225035	14400	154	53	44	34	5	1	0	1	1	1	3	3	9
	6225040	10800	94	30	5	33	8	0	2	2	4	2	2	1	7
	TOTAL	4794610	73897	21972	2595	44661	93	257	309	381	436	408	260	2525	

1980 年 太平洋 海區別 魚種別
漁獲量 및 努力量

1980 total catch and effort data
by statistical block ($5^{\circ} \times 5^{\circ}$) and
by species in the Pacific Ocean

1980 年 太平洋 海區別 魚種別 漁獲量 및 努力量

單位 : 尾數

1980 total catch and effort data by statistical block (5°×5°)
and by species in the Pacific Ocean

YEAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	STM	SAI	SHARKS	OTB	OTHERS
80	6100145	21124	285	208	1	58	5	2	1	0	2	0	8
	6100150	70952	1192	648	0	261	14	2	4	0	4	0	254
	6100155	411624	7660	5476	1	1619	122	23	52	3	50	2	303
	6100160	446165	6007	4249	8	1226	105	28	84	5	17	6	251
	6100165	562303	6065	5911	92	1636	116	16	86	2	18	8	158
	6100170	554637	7649	5060	24	2097	47	16	84	4	34	13	250
	6100175	721614	10515	6983	17	2873	158	41	137	6	72	8	152
	6105140	3250	14	10	0	4	0	0	0	0	0	0	0
	6105145	22525	130	59	0	39	10	4	7	0	0	0	11
	6105150	24714	193	97	0	63	5	2	6	4	4	0	12
	6105155	32691	289	171	0	79	10	6	12	1	1	0	7
	6105160	45705	389	157	0	205	0	1	16	1	0	0	9
	6105165	22399	261	205	0	49	0	0	4	0	0	0	3
	6105170	21349	147	108	0	26	1	1	6	0	0	0	5
	6105175	27662	220	130	0	74	1	0	5	1	1	0	8
	6110130	2409	17	4	0	2	0	1	0	2	0	0	8
	6110140	39120	543	378	7	80	34	9	13	0	0	0	22
	6110145	46079	713	534	1	97	5	2	34	0	7	2	30
	6110150	24050	310	238	2	49	0	1	9	0	2	0	9
	6110155	14635	82	15	0	61	0	0	5	0	0	0	1

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6110170	4999	46	14	8	22	0	2	0	0	0	0	0	0	0
	6110175	2775	33	0	4	28	1	0	0	0	0	0	0	0	0
	6115140	5218	32	29	0	0	0	0	0	2	0	0	0	1	0
	6115145	6500	47	22	10	1	0	0	0	13	0	0	0	0	1
	6120140	2612	18	16	0	1	0	0	0	1	0	0	0	0	0
	6125155	5655	92	25	60	6	0	0	0	1	0	0	0	0	0
	6125160	2925	34	9	20	3	0	1	0	0	0	0	0	0	1
	6125165	2795	16	4	9	2	0	0	0	0	0	0	0	0	1
	6125175	2400	17	8	6	3	0	0	0	0	0	0	0	0	0
	6130160	2040	8	2	4	1	0	0	0	0	0	0	1	0	0
	6130170	2340	28	7	10	10	0	0	0	0	0	0	1	0	0
	6130175	1360	5	0	1	2	0	0	0	0	0	0	0	0	2
	6200145	31902	667	380	0	279	0	0	0	2	0	0	2	1	3
	6200155	53020	970	807	0	132	0	1	15	2	2	2	2	0	9
	6200160	889832	17242	12736	65	2320	15	17	139	5	56	9	52	1828	
	6200165	797399	12456	7366	874	3061	110	23	152	24	43	12	61	730	
	6200170	948176	16606	12668	334	2869	35	55	118	18	78	7	31	393	
	6200175	1710445	38153	29711	1417	5883	112	66	239	24	65	31	70	535	
	6205145	4860	256	117	98	34	0	0	0	0	0	0	7	0	
	6205150	27420	1377	1190	0	166	0	1	7	2	0	1	0	10	

년월 YEAR	해역 AREA	어구 NO	낚시수 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	기타 OTHERS
80	6205155	50020	50020	1091	820	64	170	5	1	12	2	0	4	0	17
	6205160	463353	9739	7155	1283	982	1283	1	9	86	9	38	25	34	117
	6205165	1376318	38070	20156	5017	11217	5017	92	37	221	14	142	18	84	1072
	6205170	1820081	45540	21370	7036	15777	7036	43	50	277	10	175	16	207	571
	6205175	915875	21655	10841	3233	6582	3233	42	16	109	17	46	7	154	602
	6210150	47700	1811	1385	173	203	173	8	4	12	0	0	4	2	20
	6210155	133261	3555	1234	350	1842	350	4	0	23	0	5	28	0	69
	6210160	81030	2673	1237	135	1178	135	0	0	20	0	12	24	1	66
	6210165	9403	99	56	11	24	11	0	0	0	0	0	1	0	5
	6210170	443306	6895	4146	1063	3313	1063	21	12	83	0	69	39	25	124
	6210175	421292	7759	3319	1091	3013	1091	6	13	81	4	53	15	18	146
	6215150	34800	963	329	36	536	36	11	5	13	0	1	1	3	28
	6215155	17100	467	88	11	357	11	4	2	8	0	3	1	3	10
	6215165	17150	727	266	86	375	86	0	0	0	0	0	0	0	0
	6215170	94606	1553	512	63	763	63	27	6	6	0	36	1	4	135
	6215175	140056	2857	1603	113	1014	113	8	2	10	1	35	4	13	46
	6220155	25650	754	185	28	498	28	7	3	10	0	3	1	3	16
	6220160	31600	823	90	30	641	30	7	2	10	0	8	2	15	18
	6220165	26770	1205	497	94	590	94	0	0	0	0	0	2	16	6
	6220170	58328	1741	753	141	762	141	10	4	30	0	1	4	8	20

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6220175	282678	6445	1649	4158	287	49	16	42	0	7	30	46	161	
	6225155	2488	53	2	43	4	0	0	0	0	0	2	1	1	
	6225160	11588	357	54	268	11	0	0	0	0	0	2	7	15	
	6225170	164344	4857	831	3488	142	26	19	29	0	1	5	6	316	
	6225175	334128	9877	1546	6711	437	133	45	55	3	8	67	116	762	
	6230155	51544	1312	10	1124	73	0	0	5	7	0	9	15	69	
	6230160	100428	2750	23	2420	91	0	3	1	2	3	7	11	198	
	6230165	10044	273	0	331	11	0	1	6	0	0	12	0	18	
	6235155	35200	927	4	620	96	0	0	1	1	0	2	0	3	
	6235160	90872	3015	27	2777	94	0	6	9	1	4	31	9	57	
	6235165	46720	3075	7	2878	60	0	5	5	0	0	10	0	110	
	6300080	32450	732	1	0	675	0	4	1	1	9	5	0	36	
	6300085	40500	697	0	0	642	0	6	0	1	8	5	0	35	
	6300090	2700	11	0	0	0	0	0	0	0	0	2	0	9	
	6300100	5400	23	3	0	10	0	0	0	0	0	0	0	10	
	6300105	3315	7	6	0	5	0	0	0	0	0	1	0	1	
	6300125	12881	67	26	0	34	0	0	2	0	0	1	1	3	
	6300130	11265	52	21	0	29	0	0	1	0	0	0	0	1	
	6300135	63005	403	111	0	264	1	2	14	0	0	0	4	7	
	6300140	168760	1490	515	6	878	6	7	24	1	1	5	8	39	

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6300145	640806		7373	2391	234	4171	55	36	118	22	8	48	17	273
	6300150	899659		10416	4697	617	4301	71	42	132	7	26	41	51	431
	6300155	1765007		22989	11393	1309	8994	137	102	302	12	71	33	64	572
	6300160	2056328		30128	14089	1815	11989	275	148	327	24	62	196	114	1089
	6300165	1943001		28261	15235	2018	9520	184	158	294	9	87	39	167	570
	6300170	1916012		33909	21896	2577	7814	65	143	209	7	85	22	95	996
	6300175	2941773		63494	46869	3437	10955	94	112	332	16	119	36	149	1375
	6305105	21155		162	53	0	92	0	0	9	0	0	2	2	4
	6305110	10705		42	10	0	25	0	0	2	0	0	0	0	5
	6305115	7929		59	20	1	34	1	1	0	0	0	0	1	1
	6305120	21563		169	74	33	55	0	1	3	0	0	0	2	1
	6305125	38198		243	82	7	147	0	1	2	0	0	0	0	4
	6305130	138801		1355	476	99	723	0	7	17	1	0	4	8	20
	6305135	70636		796	442	9	309	2	2	8	0	2	0	2	20
	6305140	247280		3542	967	747	1574	3	6	46	6	13	8	8	164
	6305145	1411495		27386	9427	8424	8326	76	76	216	34	46	59	76	626
	6305150	1374829		24584	8604	6661	7757	107	73	288	13	80	96	67	838
	6305155	1083545		19027	6750	4866	6562	151	49	157	10	23	41	38	360
	6305160	1339643		25928	8936	7228	8717	216	53	224	7	49	56	51	391
	6305165	2442054		46654	21056	12612	11356	160	65	432	31	75	60	101	706

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
80	6305170	2365721	48352	24621	14237	8184	138	62	366	36	46	43	38	579	
	6305175	2204731	60554	30607	20567	7898	71	54	336	41	103	34	163	660	
	6310105	2880	12	2	0	6	0	0	0	0	0	0	2	2	
	6310110	8190	66	16	11	22	0	1	0	0	0	0	2	14	
	6310115	42530	350	55	47	205	0	9	1	1	1	0	14	17	
	6310120	90603	1021	203	236	525	2	15	10	1	0	3	6	18	
	6310125	405500	4574	641	1487	2221	18	47	38	1	1	17	25	78	
	6310130	497360	8196	924	3684	3269	33	37	46	2	12	27	11	151	
	6310135	27965	565	35	270	249	3	1	1	0	0	1	0	5	
	6310140	149188	2992	591	1411	805	2	4	32	0	5	5	8	129	
	6310145	271321	5119	1093	2190	1549	17	16	80	3	10	15	12	134	
	6310150	114955	2036	589	991	368	17	4	25	0	9	4	4	25	
	6310155	102598	1899	751	667	390	32	4	18	0	1	4	1	31	
	6310160	77097	990	234	551	105	22	7	6	0	4	14	9	39	
	6310165	256835	4128	1450	1939	552	38	7	31	13	6	17	20	55	
	6310170	242324	3834	1726	1422	581	14	6	15	11	9	6	3	41	
	6310175	342594	6406	2884	2489	822	12	13	50	8	28	49	4	99	
	6315110	140076	3354	391	2521	151	0	16	94	0	39	20	19	103	
	6315115	196491	5493	1361	3418	286	7	15	58	2	12	39	18	277	
	6315120	422950	10205	2333	6414	742	56	13	185	5	64	76	69	248	

YEAR	AREA	NG	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6315125	623707		14926	3565	9652	1014	44	28	109	7	57	81	50	319
	6315130	679008		14674	3352	9557	816	23	50	326	6	76	92	126	250
	6315135	19980		351	97	202	19	6	1	10	0	3	0	5	8
	6315140	5400		99	1	79	13	0	1	2	0	1	0	0	2
	6315150	8100		80	24	49	0	0	1	2	0	0	0	2	2
	6315155	60449		897	247	483	38	0	7	59	2	8	1	21	31
	6315160	120449		2041	564	1154	74	47	18	40	3	15	12	34	80
	6315165	99145		1373	431	744	108	18	12	10	1	3	7	0	33
	6315170	140459		2395	851	1336	113	0	9	18	0	3	10	14	43
	6315175	355128		6381	1628	3805	392	26	10	85	3	54	53	12	214
	6320110	8600		197	15	159	9	0	1	7	0	3	1	1	1
	6320115	340728		8298	1259	5766	586	1	17	113	1	61	39	49	406
	6320120	463499		11825	2652	7655	906	43	4	90	4	108	44	31	288
	6320125	687498		16612	3993	10691	1122	28	31	188	4	43	99	119	294
	6320130	463740		11279	2854	7207	630	9	30	205	1	3	68	76	196
	6320135	5730		104	28	58	12	0	0	0	0	0	1	3	2
	6320145	44508		1000	265	547	86	6	1	45	1	8	2	15	24
	6320150	11600		260	70	142	24	3	2	4	0	4	0	4	7
	6320155	54030		1325	214	966	70	0	1	6	0	1	6	24	37
	6320160	277420		6220	1356	3938	591	45	4	29	7	1	13	51	185

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6320165	107855	2194	348	1477	212	44	2	13	1	16	5	4	72	
	6320170	363625	7463	1579	4585	400	26	73	138	0	34	125	64	439	
	6320175	277943	6101	1548	3826	301	17	44	101	2	3	43	43	173	
	6325125	2600	85	24	50	9	0	0	0	0	0	1	0	1	
	6325130	183200	4843	147	4395	74	2	5	6	4	14	31	0	165	
	6325135	297940	6732	286	5860	215	8	15	17	9	29	32	1	260	
	6325140	17790	340	26	284	8	0	1	1	1	3	1	0	15	
	6325145	272285	8399	443	7432	155	15	11	5	4	8	33	40	253	
	6325150	668279	20795	829	18937	346	35	33	41	3	26	41	137	367	
	6325155	543460	12458	601	10969	230	24	40	43	5	37	30	43	436	
	6325160	238222	5733	335	5027	86	22	10	22	4	3	4	43	177	
	6325165	82425	2005	174	1623	129	14	2	5	0	14	5	16	23	
	6325170	351606	6808	685	6965	643	27	20	49	0	34	69	50	266	
	6325175	266311	7881	849	6139	487	65	9	40	0	6	60	25	201	
	6330130	12220	323	7	278	11	0	0	2	1	6	4	0	14	
	6330135	80860	2605	31	2447	33	0	0	3	4	7	12	0	68	
	6330140	54600	1573	17	1477	7	4	7	7	0	0	1	0	53	
	6330145	91170	2131	20	1996	12	0	2	6	2	1	11	0	81	
	6330150	36259	907	14	783	68	1	5	4	0	0	7	0	25	
	6330155	39780	1029	69	878	12	0	4	10	0	0	12	4	40	

YEAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6330160	15200	192	4	154	13	0	1	0	0	0	4	0	16
	6330165	27960	511	196	231	60	0	0	3	1	0	7	0	13
	6330170	35610	930	191	652	47	0	0	8	1	0	11	0	20
	6335130	22925	1037	8	985	6	0	5	10	0	0	5	0	1~
	6335135	90600	4115	37	3891	23	0	2	7	4	11	35	1	104
	6335140	107124	3704	56	3552	29	7	3	7	6	0	14	0	30
	6335145	186322	6507	111	6201	47	6	19	26	10	1	15	0	71
	6335150	162815	6226	1	6057	32	0	9	34	6	1	39	0	47
	6335155	203745	7400	74	7150	30	15	11	36	12	1	37	0	34
	6335160	53600	1991	5	1935	0	0	5	11	2	1	14	0	12
	6335165	11700	163	14	135	2	0	2	2	2	0	4	0	2
	6335170	14850	195	35	135	22	0	1	0	1	0	1	0	0
	6340165	9516	182	0	171	1	0	1	3	0	0	5	0	1
	6400080	2600	3	0	0	2	0	0	1	0	0	0	0	0
	6400085	24395	337	0	0	277	0	0	1	1	14	6	0	38
	6400095	30442	365	14	0	318	7	0	2	0	0	4	0	14
	6400100	70663	819	11	0	745	0	0	3	1	0	4	10	45
	6400105	11764	74	20	0	51	0	0	0	0	0	0	1	2
	6400110	2700	20	4	0	2	0	0	0	1	0	0	0	13
	6400135	28967	242	68	0	163	2	1	2	0	0	1	2	3

YEAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6400140	25145		229	97	0	97	0	0	1	0	0	10	0	24
	6400145	269682		3468	974	0	2236	46	10	20	16	1	37	3	119
	6400150	254327		2564	1019	1	1308	7	11	29	3	15	45	2	64
	6400155	554861		7841	4658	1	2827	71	12	50	3	8	39	7	165
	6400160	988644		12900	8179	18	3835	282	53	134	10	51	38	29	271
	6400165	1308745		16042	10083	49	4865	121	61	254	9	54	40	57	449
	6400170	1140435		17714	9901	243	6574	102	71	190	7	79	15	50	462
	6400175	1213521		19608	12226	28	6193	306	59	226	27	156	6	35	404
	6405080	9700		347	0	0	0	0	0	2	0	338	0	7	0
	6405085	2350		36	0	0	0	0	1	10	0	25	0	0	0
	6405095	5400		24	0	0	14	0	0	0	0	0	0	0	10
	6405100	8100		37	0	0	14	0	0	0	0	0	0	0	23
	6405135	5969		31	4	0	16	0	1	1	4	0	1	0	4
	6405145	10720		168	17	0	148	0	1	0	2	0	0	0	0
	6405150	23989		188	75	0	84	0	0	4	0	0	14	2	9
	6405155	62305		1378	841	0	327	167	1	27	0	0	1	0	14
	6405160	164767		2393	1503	90	584	69	3	19	10	45	2	10	58
	6405165	66474		455	255	13	151	4	0	8	0	2	6	2	14
	6405170	86323		782	346	0	341	1	7	21	0	5	12	5	44
	6405175	63625		605	367	6	196	3	1	7	2	4	0	8	11

YEAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
80	6410085	2750	33	0	0	0	0	0	0	0	0	0	0	24
	6410090	295400	10929	2	0	0	0	17	31	43	9781	121	12	922
	6410150	2600	30	1	0	27	0	1	0	1	0	0	0	0
	6410160	17958	60	11	0	44	0	2	0	0	0	0	2	1
	6410165	2264	9	2	1	3	0	0	1	0	0	0	0	2
	6410170	5173	22	6	1	11	0	0	2	0	0	0	0	2
	6410175	5039	63	14	14	34	0	0	1	0	0	0	0	0
	6415090	17495	772	0	0	0	0	0	0	0	771	0	0	1
	6415110	15336	218	3	0	0	0	0	0	6	0	21	0	188
	6415135	39350	503	44	19	411	0	1	0	13	0	7	0	8
	6415140	23400	247	26	0	191	0	0	0	13	0	7	0	10
	6415150	5200	26	6	0	0	0	1	0	0	0	2	0	17
	6415160	2880	15	0	0	11	0	0	2	0	0	0	2	0
	6420105	192328	2585	39	0	0	0	61	4	76	74	310	20	2001
	6420110	407878	6736	856	1445	61	0	298	4	226	46	424	112	3264
	6420135	7800	93	17	28	36	0	0	0	4	0	3	1	4
	6420145	5200	36	13	6	12	0	0	0	3	0	1	1	0
	6420165	2400	144	0	0	0	0	1	0	0	3	16	0	124
	6425135	36400	1625	89	1138	374	0	2	1	5	0	5	2	9
	6425140	10400	470	14	291	162	0	1	0	0	0	0	2	0

YEAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
80	6425145	34710	1161	63	816	256	0	5	6	0	0	1	3	11
	6425155	10100	106	22	135	22	0	2	0	0	1	0	0	4
	6425160	13845	192	42	106	26	0	2	0	0	1	0	0	15
	6425165	29323	788	114	518	136	0	4	0	0	2	4	0	10
	6425170	2730	68	25	58	4	0	0	0	0	0	1	0	0
	6430135	35240	2463	708	1648	60	1	0	0	1	0	4	0	41
	6430140	16440	806	240	543	16	0	0	0	0	0	0	0	7
	6430145	164940	3976	1164	2515	126	2	5	10	4	1	13	6	130
	6430150	155016	3628	1028	2282	120	0	13	4	4	0	5	9	163
	6430155	208682	7836	2338	5172	135	5	2	14	2	1	20	42	105
	6430160	133251	3512	982	2281	137	0	16	3	3	0	5	13	72
	6430165	35714	763	158	551	31	0	4	1	1	0	2	2	13
	6430170	16461	381	109	236	19	1	1	1	0	0	1	3	10
	6430175	14034	671	202	460	5	0	0	1	0	0	0	0	3
	6435160	5625	76	30	39	3	0	0	0	0	0	0	0	4
	6435165	10667	260	3	235	4	0	0	6	0	0	2	6	4
	6435170	5904	180	6	166	0	0	0	4	0	0	1	1	2
TOTAL		61505478	1214204	511879	397184	226003	5324	3324	10106	1127	14415	4117	4210	36515

1980 年 太平洋 分期別 海區別 魚種別

漁獲量 及 努力量

Quarterly catch and effort data

by statistical block ($5^{\circ} \times 5^{\circ}$) and

by species in the Pacific Ocean

for 1980

1980 年 太平洋 分期別 海區別 魚種別 漁獲量 및 努力量
 Quarterly catch and effort data by statistical block (5°×5°)
 and by species in the Pacific Ocean

單位：尾數

Unit：No. of fish

분기 QUAR	해역 AREA	어획 NO	총 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SJO	BUM	STM	SAI	SHARKS	OTB	OTHERS
1/4	6100145	3094	19	5	0	11	0	1	1	0	0	1	0	0	0
	6100150	3341	21	6	0	10	0	0	1	0	0	3	0	0	1
	6100155	95825	1169	760	0	298	14	3	24	0	8	0	2	60	
	6100160	82114	827	478	5	265	25	19	19	1	0	0	2	3	10
	6100165	96835	661	390	7	181	4	9	34	1	5	1	0	21	
	6100170	278490	3788	1996	22	1572	28	9	47	4	29	3	3	75	
	6100175	324517	5251	2986	13	1984	17	26	83	4	49	2	10	77	
	6105145	2880	12	8	0	4	0	0	0	0	0	0	0	0	0
	6105150	9120	66	22	0	33	0	1	1	4	1	0	0	4	
	6105155	14560	115	57	0	30	10	6	8	0	0	0	0	4	
	6105160	30100	231	101	0	109	0	1	13	1	0	0	0	6	
	6105170	3094	26	17	0	8	0	0	1	0	0	0	0	0	
	6105175	10600	113	65	0	42	0	0	3	1	1	1	0	1	
	6110130	2409	17	4	0	2	0	1	0	2	0	0	0	8	
	6200155	28820	572	472	0	79	0	0	13	0	0	0	2	0	6
	6200160	208762	2758	2148	18	503	0	4	36	0	12	1	2	34	
	6200165	194134	2904	1426	353	767	40	1	48	2	7	0	11	249	
	6200170	415182	6487	4889	183	1129	8	22	66	7	49	2	7	125	
	6200175	571461	11588	8376	433	2365	44	21	88	10	48	10	14	179	
	6205145	4880	256	117	98	34	0	0	0	0	0	0	0	7	0

구분	기	매	영	구	나	수	개	총	합	YFT	ALB	BET	SKJ	SWO	BUH	STN	SAI	SHARKS	OTE	OTHERS
1/4	6205150	3120	21	16	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	1
	6205155	14040	390	330	0	50	0	0	0	6	0	0	0	0	0	0	0	1	0	3
	6205160	233070	5217	4306	137	615	0	4	54	54	4	23	19	2	53	50	101	162	80	55
	6205165	206287	4806	2475	1318	857	6	5	47	6	24	6	12	50	101	162	80	55	54	64
	6205170	857462	21927	10317	7379	3692	21	20	109	6	114	6	17	0	5	17	0	0	0	0
	6205175	369349	8940	4295	3052	1358	20	5	36	2	34	3	80	55	54	64	0	0	0	0
	6210155	59800	2376	837	1360	86	0	0	17	0	11	24	0	0	0	0	0	0	0	0
	6210160	66700	2529	1203	1117	90	0	0	20	0	11	24	0	0	0	0	0	0	0	0
	6210165	2300	19	5	11	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	6210170	83505	1852	759	762	249	4	2	21	0	24	15	7	14	0	0	0	0	0	0
	6210175	162063	3582	1602	1390	464	5	1	52	1	44	6	3	14	0	0	0	0	0	0
	6215170	10246	248	121	103	8	2	1	5	0	8	0	0	0	0	0	0	0	0	0
	6215175	70766	1747	1230	358	65	4	1	17	1	34	1	13	23	36	35	9	10	2	0
	6300080	32450	732	1	0	675	0	4	1	1	9	5	0	0	0	0	0	0	0	0
	6300085	40500	697	0	0	642	0	6	0	1	8	5	0	0	0	0	0	0	0	0
	6300095	2700	11	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
	6300100	5400	23	3	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6300125	2700	6	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6300130	2425	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6300140	4850	13	3	0	8	0	0	0	1	0	0	0	0	0	0	0	0	0	0

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
1/4	6300145	17310		180	42	20	85	8	1	8	1	0	4	0	11
	6300150	66634		694	245	18	367	6	17	12	0	12	1	2	14
	6300155	296534		4060	1770	54	1990	36	27	69	2	34	8	19	51
	6300160	407502		5495	2588	208	2122	45	18	96	4	28	17	51	228
	6300165	575863		8374	4970	400	2525	61	32	66	5	55	15	87	158
	6300170	570437		8876	5765	168	2609	19	52	66	2	53	8	43	91
	6300175	751345		12564	8408	436	3218	61	36	117	7	53	5	54	169
	6305105	2425		10	0	0	9	0	0	0	0	0	0	0	1
	6305110	2425		8	2	0	4	0	0	0	0	0	0	0	2
	6305125	2425		9	5	0	4	0	0	0	0	0	0	0	0
	6305130	5865		53	18	7	24	0	0	1	0	0	0	0	3
	6305135	11840		198	148	0	46	0	1	1	0	1	0	0	1
	6305140	10800		183	36	16	116	2	2	2	1	6	0	0	2
	6305145	166325		2939	718	916	1135	17	8	63	1	20	3	1	57
	6305150	365216		6128	2031	1485	2171	41	23	115	5	48	25	2	182
	6305155	136770		2476	778	459	1088	27	16	19	2	8	9	5	65
	6305160	171760		3416	865	517	1866	11	7	33	1	35	5	23	53
	6305165	224453		3563	992	1252	1093	2	1	71	7	33	16	14	82
	6305170	124128		1884	677	689	396	15	7	34	1	3	3	4	53
	6305175	326816		8126	2822	3021	1171	21	10	76	12	43	4	37	109

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
174	6310125	24960	452	24	64	9	2	4	0	0	0	0	1	0	19
	6310130	107195	1945	64	747	1	7	13	0	7	4	1	75		
	6310135	25600	507	30	238	3	1	0	0	0	0	0	5		
	6310140	68390	1443	174	630	2	2	21	0	3	3	3	97		
	6310145	72535	1505	126	738	0	1	39	0	4	1	0	46		
	6310150	26940	563	208	36	10	1	4	0	3	1	0	7		
	6310155	46980	916	371	123	16	2	14	0	0	2	0	17		
	6310160	2400	42	5	16	5	1	1	0	0	0	0	1		
	6310165	11900	91	16	53	0	0	0	3	1	1	0	5		
	6310170	72420	1209	401	235	7	3	8	8	6	2	0	14		
	6310175	89822	1899	797	246	6	6	36	6	6	31	0	31		
	6315110	74976	1867	5	82	0	12	49	0	39	4	7	20		
	6315115	28274	454	3	6	2	2	9	1	11	3	1	23		
	6315120	36630	525	21	29	11	2	6	2	21	2	0	9		
	6315125	67460	1492	38	161	0	1	7	1	17	1	5	11		
	6315130	49570	925	12	72	0	4	10	0	9	1	0	11		
	6315140	5400	99	1	13	0	1	2	0	1	0	0	2		
	6315165	5200	36	4	0	0	1	1	0	0	0	0	1		
	6315170	13820	206	96	2	0	0	1	0	0	4	0	12		
	6315175	57980	1262	481	42	1	4	3	0	0	13	1	47		

QUAR	AREA	개	나시수	TOTAL	YFT	ALB	BET	SKJ	SJO	BUM	STM	SAI	SHARKS	OTB	OTHERS
1/4	6320110		5400	142	0	128	5	0	1	5	0	3	0	0	0
	6320115		168315	3827	70	3209	215	1	16	63	1	53	13	35	151
	6320120		112500	2291	38	1990	107	25	1	25	3	83	3	5	11
	6320125		36380	747	19	656	35	0	2	3	1	13	1	7	10
	6320155		4100	97	0	83	8	0	1	0	0	1	0	3	1
	6320160		7700	92	5	73	9	0	0	0	2	0	1	0	2
	6320170		2300	34	12	12	0	0	0	0	0	0	10	0	0
	6320175		13200	249	77	157	0	14	0	0	1	0	0	0	0
	6325155		2490	24	7	14	0	0	0	1	0	1	0	0	1
	6325160		2280	14	3	10	1	0	0	0	0	0	0	0	0
	6325170		13300	325	84	204	37	0	0	0	0	0	0	0	0
	6330150		2154	15	4	11	0	0	0	0	0	0	0	0	0
	6335150		4560	70	0	62	2	0	0	1	0	0	4	0	1
	6335155		45940	1750	34	1661	9	3	3	18	2	0	11	0	9
	6335160		17840	818	0	601	2	0	1	4	1	0	7	0	2
	6335165		11700	163	14	135	2	0	2	2	2	0	4	0	2
	6335170		14850	195	35	135	22	0	1	0	1	0	1	0	0
	6340165		9516	182	0	171	1	0	1	3	0	0	5	0	1
	6400085		24395	337	0	0	277	0	0	1	1	14	6	0	38
	6400110		2700	20	4	0	2	0	0	0	1	0	0	0	13

CUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
1/4	6400145	101705	1745	388	0	1268	0	12	14	12	8	1	42		
	6400150	50750	736	348	0	351	0	4	11	1	8	4	9		
	6400155	65691	771	431	0	312	0	3	4	2	6	1	12		
	6400160	286261	3703	2156	11	1364	7	13	36	8	36	4	61		
	6400165	582069	7148	4495	43	2181	44	22	81	6	43	16	20		
	6400170	616711	11217	6277	134	4329	59	37	97	4	68	4	22		
	6400175	645374	15506	9619	20	4834	301	44	185	19	147	2	21		
	6405080	9700	347	0	0	0	0	0	2	0	338	0	7		
	6405085	2350	36	0	0	0	0	1	10	0	25	0	0		
	6405095	5400	24	0	0	14	0	0	0	0	0	0	0		
	6405100	8100	37	0	0	14	0	0	0	0	0	0	0		
	6405150	5590	12	1	0	9	0	0	0	0	0	0	2		
	6405155	2795	1	0	0	1	0	0	0	0	0	0	0		
	6405160	86690	1271	794	83	305	2	2	3	3	40	0	7		
	6405165	11787	100	37	13	44	0	0	2	0	1	0	0		
	6405170	33765	324	187	0	88	1	3	11	0	2	0	2		
	6405175	43775	427	244	0	158	0	1	5	0	1	0	8		
	6410085	2750	33	0	0	0	0	0	0	0	9	0	0		
	6410090	117795	3702	1	0	0	0	4	12	31	3400	2	2		
	6415090	5200	168	0	0	0	0	0	0	0	168	0	0		

QUAR	AREA	해역	나시수	개	와다래이	나개다래이	부다래이	가다래이	포다래이	노새치	저새치	노새치	SAI	SHARKS	OTB	OTHERS
			NO	HOUKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM				
1/4	6415135		18550	182	19	10	136	0	0	0	0	7	0	3	0	7
	6415140		20800	223	21	0	174	0	0	0	0	11	0	7	0	10
	6420135		7800	93	17	20	36	0	0	0	0	4	0	3	1	4
	6425135		36400	1625	89	1138	374	0	2	1	1	5	0	5	2	9
	6425140		10400	470	14	291	162	0	1	0	0	0	0	0	2	0
	6425145		28600	1111	50	788	253	0	5	1	1	0	0	1	2	11
	6425155		7800	136	8	107	18	0	2	0	0	0	1	0	0	0
	6425160		2840	40	1	25	11	0	2	0	0	0	1	0	0	0
	6425165		13370	412	8	200	105	0	4	0	0	0	2	1	0	2
TOTAL	13275934		241686	113198	51148	61152	11154	675	2551	260	5575	458	864	4651		

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
2/4	6100145	2500		54	50	0	2	0	0	0	0	1	0	0	1
	6100150	28865		626	194	0	197	0	2	2	0	0	0	0	231
	6100155	249447		6035	4395	0	1227	85	20	26	3	42	1	7	229
	6100160	310616		4766	3464	0	898	70	8	56	4	16	4	18	228
	6100165	226822		3126	2107	0	859	9	5	24	1	12	1	9	99
	6100170	80399		1173	840	0	291	4	0	9	0	0	1	3	25
	6100175	90480		1226	866	1	315	3	4	9	1	5	0	0	22
	6105140	3250		14	10	0	4	0	0	0	0	0	0	0	0
	6105145	19645		118	51	0	35	10	4	7	0	0	0	0	11
	6105150	13410		120	70	0	29	5	1	5	0	3	0	0	7
	6105155	11241		144	100	0	39	0	0	0	1	1	0	1	2
	6105175	8112		82	59	0	16	0	0	1	0	0	0	0	6
	6110140	35805		522	364	0	80	34	9	13	0	0	0	0	22
	6110145	43895		705	530	0	97	5	2	32	0	7	2	0	30
	6110150	21125		296	229	0	46	0	1	9	0	2	0	0	9
	6110170	2899		37	13	0	22	0	2	0	0	0	0	0	0
	6110175	2775		33	0	4	28	1	0	0	0	0	0	0	0
	6200145	31902		667	380	0	279	0	0	2	0	0	2	1	3
	6200150	24300		1356	1174	0	163	0	1	6	2	0	1	0	9
	6200155	21250		277	215	0	52	0	1	2	2	2	0	0	3

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
2/4	6225170	60840	1479	55	1050	74	10	1	9	0	0	0	2	0	278
	6225175	71224	2187	98	1557	56	0	9	4	2	0	0	2	5	454
	6230155	51544	1312	10	1124	73	0	0	5	7	0	0	9	15	69
	6230160	106428	2759	23	2420	91	0	3	1	2	3	7	11	11	198
	6230165	16044	373	0	331	11	0	1	0	0	0	12	0	0	18
	6235155	35200	927	4	820	96	0	0	1	1	0	0	2	0	3
	6235160	90872	3015	27	2777	94	0	6	9	1	4	31	9	57	57
	6235165	46720	3075	7	2878	60	0	5	5	0	0	10	0	0	110
	6300135	3055	20	14	0	3	1	0	0	0	0	0	0	0	2
	6300140	15294	62	31	1	24	0	0	0	1	0	0	0	0	5
	6300145	399409	4984	1597	208	2816	23	31	92	21	7	18	11	160	160
	6300150	320441	4157	2073	327	1362	40	14	62	4	8	8	36	221	221
	6300155	436149	6269	3432	505	1960	14	42	56	7	10	9	16	236	236
	6300160	462215	8019	3830	458	3188	58	57	44	17	25	16	21	305	305
	6300165	305072	5939	3587	396	1625	37	46	28	3	24	10	12	171	171
	6300170	430622	9232	5703	817	1882	39	40	35	3	26	3	20	664	664
	6300175	671645	16621	11814	971	2866	21	28	52	7	52	18	8	784	784
	6305135	3055	43	7	0	23	0	0	0	0	1	0	0	0	12
	6305140	160476	2557	666	680	1019	1	4	23	5	6	6	2	145	145
	6305145	1008470	21291	7672	6260	6476	27	60	127	32	25	39	69	504	504

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
2/4	6305150	617613	12488	4654	3586	3489	14	36	113	6	29	23	42	496	
	6305155	255193	4926	2001	1446	1293	2	10	49	6	1	14	22	62	
	6305160	221491	5011	1314	1505	1514	1	14	42	2	3	1	11	104	
	6305165	566093	11465	4551	4103	2173	38	22	154	19	20	18	40	327	
	6305170	499488	10099	4456	3413	1881	9	5	65	31	22	4	16	197	
	6305175	461338	10244	3713	4006	1607	5	3	60	28	37	6	51	126	
	6310145	85797	1452	471	602	304	0	9	7	3	3	1	7	45	
	6310150	28561	471	144	222	69	4	1	6	0	6	0	1	18	
	6310165	66490	1600	840	493	214	3	0	8	9	3	1	6	23	
	6310170	37104	674	408	170	80	5	1	1	3	1	0	6	5	
	6310175	64645	1400	774	439	138	1	0	10	1	0	1	1	35	
	6320155	9550	175	17	133	16	0	0	1	0	0	0	0	8	
	6320165	10920	291	18	249	14	5	0	0	0	1	0	4	0	
	6320175	13900	301	43	225	12	0	1	4	0	0	5	6	11	
	6325130	53690	1352	45	1164	46	2	0	4	3	14	4	6	70	
	6325135	171785	3730	201	3118	174	5	0	5	7	24	17	1	178	
	6325140	12200	265	19	221	6	0	0	0	1	3	1	0	14	
	6325145	130805	3210	213	2757	55	2	7	2	4	1	5	5	159	
	6325150	182409	4808	250	4179	82	11	16	8	1	10	3	25	223	
	6325155	249050	5609	190	4966	85	1	24	8	4	25	5	31	270	

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
2/4	6325160	149952	3959	209	3495	55	6	4	9	3	3	3	1	31	143
	6325165	29340	780	74	652	20	0	1	0	0	3	3	3	16	11
	6325170	102128	2245	146	1742	236	0	12	15	0	0	0	3	0	91
	6325175	21592	456	33	375	21	0	2	1	0	0	0	1	1	22
	6330130	12220	323	7	278	11	0	0	2	1	6	4	0	0	14
	6330135	80800	2605	31	2447	33	0	0	3	4	7	12	0	0	68
	6330140	38220	1047	17	969	7	4	2	5	0	0	0	0	0	43
	6330145	85545	2060	14	1944	12	0	2	5	2	1	5	0	0	75
	6330150	34105	892	10	772	68	1	5	4	0	0	0	7	0	25
	6330155	34230	948	68	798	12	0	4	10	0	0	0	12	4	40
	6330160	15200	192	4	154	13	0	1	0	0	0	0	4	0	16
	6330165	27900	511	196	231	60	0	0	3	1	0	0	7	0	13
	6330170	23950	477	190	220	33	0	0	5	1	0	0	11	0	17
	6335130	20000	900	7	912	6	0	5	10	0	0	0	4	0	16
	6335135	90600	4115	37	3891	23	0	2	7	4	11	35	1	104	
	6335140	107124	3704	56	3552	29	7	3	7	6	0	14	0	0	30
	6335145	188322	6507	111	6201	47	6	19	26	10	1	15	0	0	71
	6335150	158255	6156	1	5995	30	0	9	33	6	1	35	0	0	46
	6335155	157805	5650	40	5489	21	12	8	18	10	1	26	0	0	25
	6335160	35760	1173	5	1134	4	0	4	7	1	1	7	0	0	10

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
2/4	6400105	3060		23	19	0	3	0	0	0	0	0	0	1	0
	6400135	8987		28	2	0	25	0	0	0	0	0	0	0	1
	6400140	18929		145	50	0	89	0	0	1	0	0	1	0	4
	6400145	121582		1301	361	0	858	39	4	5	4	1	8	0	21
	6400150	57630		480	201	1	259	0	0	3	1	4	4	0	7
	6400155	103216		1409	857	0	513	0	0	7	0	2	0	0	30
	6400160	158389		2053	1055	7	857	5	27	21	1	9	8	0	55
	6400165	181389		2194	1156	5	928	13	15	21	1	2	4	7	42
	6400170	207080		2775	1397	9	1041	14	22	24	1	5	1	6	255
	6400175	192824		2285	1283	7	921	1	12	13	7	7	0	6	28
	6405135	5989		31	4	0	16	0	1	1	4	0	1	0	4
	6405145	10720		168	17	0	148	0	1	0	2	0	0	0	0
	6405150	9555		43	12	0	29	0	0	0	0	0	1	0	1
	6405155	3360		72	23	0	49	0	0	0	0	0	0	0	0
	6405160	17760		133	57	7	51	2	0	1	7	5	0	1	2
	6405165	2507		6	0	0	5	0	0	1	0	0	0	0	0
	6405170	34440		282	118	0	152	0	3	4	0	2	0	0	3
	6405175	16600		165	113	6	35	3	0	2	2	3	0	0	1
	6410090	165555		6433	0	0	0	0	10	19	11	6343	5	10	35
	6410150	2600		30	1	0	27	0	1	0	1	0	0	0	0

구분	기타	해역	면적	AREA	NC	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
214	6410165	2264	9	2	1	3	0	0	1	0	0	0	0	0	0	0	0	2
	6410170	5173	22	6	1	11	0	0	2	0	0	0	0	0	0	0	0	2
	6410175	5039	63	14	14	34	0	0	1	0	0	0	0	0	0	0	0	0
	6415090	12295	604	0	0	0	0	0	0	0	0	0	0	0	603	0	0	1
	6415135	20800	321	25	9	275	0	0	1	0	6	0	0	0	0	4	0	1
	6415140	2600	24	5	0	17	0	0	0	0	2	0	0	0	0	0	0	0
	6420145	5200	36	13	6	12	0	0	0	0	3	0	0	1	0	1	0	0
	6430135	2500	58	2	53	1	0	0	0	0	0	0	0	0	0	1	0	1
TOTAL	15202621	320694	125154	111877	57529	7033	803	1940	440	7720	633	886	12929					

분기	해역	면적	나치수	QUAR	AREA	NC	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
3/4	6100155	14124	111	75	0	27	5	0	1	0	0	0	0	0	0	0	0	0	3
	6100160	19353	173	124	0	32	0	1	6	0	0	0	0	0	0	0	0	0	8
	6100165	176760	3680	3046	83	488	0	2	23	0	0	0	0	0	0	0	3	3	32
	6100170	133093	2098	1756	2	157	1	4	20	0	1	3	12	142					
	6100175	111009	1643	1366	0	206	0	5	29	0	0	3	7	27					
	6105155	6890	30	14	0	10	0	0	4	0	0	0	1	1					
	6105160	9365	129	46	0	77	0	0	3	0	0	0	0	3					
	6105165	19449	250	197	0	46	0	0	4	0	0	0	0	3					
	6105170	6720	80	64	0	12	0	0	2	0	0	0	0	2					
	6110155	14635	82	15	0	61	0	0	5	0	0	0	0	1					
	6110170	2100	9	1	8	0	0	0	0	0	0	0	0	0					
	6115145	6500	47	22	10	1	0	0	13	0	0	0	0	1					
	6200160	80586	1261	896	27	274	7	1	16	0	5	2	27						
	6200165	151611	2477	1634	141	516	4	5	60	0	7	5	8	97					
	6200170	246457	4034	3017	68	779	7	19	35	0	8	4	12	85					
	6200175	843201	22817	18767	691	2837	35	36	105	1	9	16	45	275					
	6205160	78335	2208	1387	494	277	1	2	5	0	10	0	16	16					
	6205165	521826	15989	7716	6097	1663	76	16	102	1	51	6	26	235					
	6205170	489428	13582	6722	4889	1613	17	10	92	0	38	6	28	167					
	6205175	380092	9076	5040	2199	1225	19	5	70	1	0	3	3	511					

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STN	SAI	SHARKS	OTB	OTHERS
3/4	6210150	26100		443	142	201	62	8	3	9	0	0	0	2	16
	6210165	2800		35	24	6	5	0	0	0	0	0	0	0	0
	6210170	135168		3283	1648	1255	288	9	2	26	0	13	5	4	33
	6210175	28490		479	93	319	24	0	0	11	0	2	4	0	26
	6215150	34800		963	329	536	36	11	5	13	0	1	1	3	28
	6215155	17100		487	88	357	11	4	2	8	0	3	1	3	10
	6215170	2200		12	0	10	0	0	0	1	0	0	0	0	1
	6215175	5180		98	14	69	7	0	0	0	0	0	2	0	6
	6220155	25650		754	185	498	28	7	3	10	0	3	1	3	16
	6220160	31600		823	90	641	30	7	2	10	0	8	2	15	18
	6220165	9570		220	46	143	7	0	0	0	0	0	2	16	6
	6220170	2720		40	5	27	6	0	0	0	0	0	0	0	2
	6220175	102465		2825	571	2038	123	19	9	21	0	0	3	4	37
	6225160	9100		299	53	224	10	0	0	0	0	0	2	7	3
	6225170	92064		2757	672	1970	54	1	15	10	0	0	2	0	33
	6225175	187764		5642	677	4347	297	91	36	46	1	6	9	6	126
	6300145	17014		115	39	2	62	0	0	6	0	0	0	0	6
	6300150	210274		2821	1303	223	1125	14	8	30	1	0	4	2	105
	6300155	640558		8789	3929	630	3735	79	27	136	2	2	8	17	222
	6300160	683266		10162	4675	932	3982	92	40	110	2	2	12	19	290

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
3/4	6300165	871397	12317	5796	1187	4766	32	75	166	1	5	12	63	212	
	6300170	775780	14003	9063	1576	2983	5	38	83	1	3	8	21	222	
	6300175	1393938	33247	25917	2004	4623	10	46	144	2	12	12	82	395	
	6305135	5283	43	10	2	27	0	0	1	0	0	0	0	3	
	6305140	8700	77	9	24	39	0	0	2	0	0	0	0	3	
	6305145	65740	1237	229	794	153	0	3	11	0	1	9	3	34	
	6305150	270344	4121	1266	1195	1455	26	8	43	2	3	7	7	109	
	6305155	527842	8816	2971	2292	3125	97	12	76	1	3	15	9	215	
	6305160	773107	15097	5426	4553	4542	180	28	135	3	5	23	4	198	
	6305165	1304454	27529	13426	6648	6818	111	35	165	4	18	19	32	253	
	6305170	1384753	32211	17722	8875	4927	82	39	227	3	12	27	13	284	
	6305175	1277563	40914	23539	11838	4757	39	38	187	1	21	20	64	410	
	6310130	2211	22	3	13	5	0	0	0	0	0	1	0	0	
	6310140	76038	1465	401	875	145	0	1	9	0	1	2	3	28	
	6310145	72512	1439	373	693	305	0	6	20	0	1	7	3	31	
	6310150	52264	884	198	411	254	3	2	13	0	0	2	1	0	
	6310155	33896	627	201	178	230	12	1	2	0	0	2	1	0	
	6310160	14810	190	52	90	34	6	0	2	0	0	1	0	5	
	6310165	100950	1541	402	905	174	27	1	17	0	0	6	0	9	
	6310170	59130	1126	669	328	114	0	1	2	0	0	3	0	9	

QUAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
3/4	6310175	32820	409	160	201	29	0	2	4	0	1	4	1	7
	6315130	2211	62	7	35	14	0	0	5	0	0	1	0	0
	6315165	2100	19	6	9	1	0	0	0	0	0	0	0	1
	6315170	26035	631	168	411	39	0	0	1	0	1	1	1	9
	6315175	7442	130	19	94	4	0	0	6	0	0	1	0	6
	6320155	40380	1053	197	750	46	0	0	5	0	0	6	21	28
	6320160	259840	6000	1305	3802	571	45	4	26	5	1	11	51	177
	6320165	85049	1791	295	1170	193	35	1	11	1	15	5	0	65
	6320170	121803	2563	185	2050	153	8	17	11	0	0	33	2	95
	6320175	66396	1854	310	1384	116	3	2	7	0	0	7	1	24
	6325130	129510	3491	102	3231	28	0	5	2	1	0	27	0	95
	6325135	86745	2362	39	2203	21	3	12	5	0	5	15	0	79
	6325145	141480	5189	230	4675	100	13	4	3	0	7	28	35	94
	6325150	485870	15987	579	14758	264	24	17	33	2	16	38	112	144
	6325155	284380	6747	394	5936	139	23	14	30	1	9	25	12	164
	6325160	85990	1760	123	1522	30	16	6	13	1	0	3	12	34
	6325165	53065	1225	100	971	109	14	1	5	0	11	2	0	12
	6325170	190128	5168	311	4355	285	19	8	21	0	10	34	21	104
	6325175	220649	6809	613	5505	424	47	7	35	0	4	39	24	111
	6330140	16380	526	0	508	0	0	5	2	0	0	1	0	10

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
314	6330145	5625	71	6	52	0	0	0	0	1	0	0	6	0	6
	6330155	5550	81	1	80	0	0	0	0	0	0	0	0	0	0
	6330170	11660	453	1	432	14	0	0	0	3	0	0	0	0	3
	6335130	2925	77	1	73	0	0	0	0	0	0	0	1	0	2
	6400150	16725	199	60	0	137	0	0	0	1	0	0	0	0	1
	6400155	79795	2056	1486	1	518	0	3	19	0	0	0	2	3	24
	6400160	81739	1098	731	0	313	5	3	17	0	0	0	2	0	27
	6400165	68264	793	592	0	153	0	1	25	0	0	0	0	0	22
	6400170	38536	703	521	1	163	2	2	6	0	0	0	2	0	6
	6400175	25340	299	229	0	57	0	1	1	0	0	0	0	0	11
	6405155	18915	591	460	0	99	0	1	22	0	0	0	0	0	9
	6405160	19890	455	354	0	74	0	0	13	0	0	0	0	0	14
	6410090	12050	794	1	0	0	0	3	0	1	38	114	0	637	
	6415110	15336	218	3	0	0	0	0	0	0	6	0	21	0	188
	6420105	75878	1579	1	0	0	0	17	1	13	39	138	0	1370	
	6420110	109162	1872	13	0	0	0	9	2	57	5	134	1	1651	
	6420165	2400	144	0	0	0	0	1	0	0	3	16	0	124	
TOTAL	17574362	393008	183764	127827	63763	1401	738	2705	115	428	1002	871	10394		

QUAR	AREA	NO	HOURS	TOTAL	YFT	ALB	BET	SKJ	SWC	BUM	STM	SAI	SHARKS	OTB	OTHERS
414	6100145	15530		212	153	1	45	5	1	0	0	0	0	0	7
	6100150	38746		545	448	0	54	14	0	1	0	1	0	5	22
	6100155	52228		345	246	1	67	18	0	1	0	0	1	0	11
	6100160	34082		241	183	3	31	10	0	1	0	1	0	7	5
	6100165	61886		598	368	2	108	103	0	5	0	1	3	2	6
	6100170	62655		590	466	0	77	14	3	6	0	4	6	2	8
	6100175	195608		2325	1765	3	368	138	6	16	1	18	3	51	26
	6105150	2104		7	5	0	1	0	0	0	0	0	0	0	1
	6105160	6240		29	10	0	19	0	0	0	0	0	0	0	0
	6105165	2950		11	8	0	3	0	0	0	0	0	0	0	0
	6105170	11535		41	27	0	6	1	1	3	0	0	0	0	3
	6105175	8970		25	6	0	16	1	0	1	0	0	0	0	1
	6110140	3315		21	14	7	0	0	0	0	0	0	0	0	0
	6110145	2184		8	4	1	0	0	0	2	0	0	0	1	0
	6110150	2925		14	9	2	3	0	0	0	0	0	0	0	0
	6115140	5218		32	29	0	0	0	0	2	0	0	0	1	0
	6120140	2612		18	16	0	1	0	0	1	0	0	0	0	0
	6125155	5655		92	25	60	6	0	0	1	0	0	0	0	0
	6125160	2925		34	9	20	3	0	1	0	0	0	0	0	1
	6125165	2795		16	4	9	2	0	0	0	0	0	0	0	1

QUAR	AREA	해역	나시수	TOTAL	개	와다베이	나카타베이	후타베이	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
4/4	6125175		2400	17	8	6	3	0	0	0	0	0	0	0	0	0
	6130160		2040	8	2	4	1	0	0	0	0	0	0	1	0	0
	6130170		2340	28	7	10	10	0	0	0	0	0	0	1	0	0
	6130175		1380	5	0	1	2	0	0	0	0	0	0	0	0	2
	6200155		2950	121	120	0	1	0	0	0	0	0	0	0	0	0
	6200160		54058	543	457	0	69	0	0	0	4	0	1	0	0	12
	6200165		53127	1126	469	142	439	62	7	1	1	0	4	0	1	1
	6200170		31508	272	198	1	38	20	2	3	3	0	5	0	1	4
	6200175		180544	2017	1521	10	360	31	8	36	1	1	2	3	11	34
	6205160		52911	696	379	177	121	0	0	0	9	0	0	0	0	10
	6205165		86722	2085	862	605	593	0	5	8	0	0	5	1	0	6
	6205170		235096	3805	1475	1437	822	0	14	14	14	1	7	0	0	35
	6205175		54016	1412	817	342	216	0	6	0	0	0	9	0	0	16
	6210165		4303	45	29	7	4	0	0	0	0	0	0	0	0	5
	6210170		142460	2255	898	946	312	6	4	21	0	0	20	16	11	21
	6210175		122378	2002	853	790	314	1	10	7	1	1	3	3	5	15
	6215165		17150	727	266	375	86	0	0	0	0	0	0	0	0	0
	6215170		42040	477	195	246	13	3	2	0	0	0	2	0	3	13
	6215175		59350	933	326	543	40	4	1	1	1	0	1	1	0	16
	6220105		116450	1006	38	0	0	0	44	3	3	63	35	172	20	631

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
4/4	6220110	298716		4864	843	1445	61	0	289	2	169	41	290	111	1613
	6220165	19200		985	451	447	87	0	0	0	0	0	0	0	0
	6220170	53348		1666	741	714	134	10	4	38	0	1	4	8	12
	6220175	157613		3236	993	1886	131	30	6	21	0	7	22	42	98
	6225170	25440		621	104	468	14	15	3	10	0	1	1	0	5
	6225175	75140		2048	771	807	84	42	0	5	0	2	56	99	182
	6300105	3315		7	0	0	5	0	0	0	0	0	1	0	1
	6300125	10181		61	24	0	32	0	0	2	0	0	1	1	1
	6300130	6840		49	19	0	28	0	0	1	0	0	0	0	1
	6300135	59950		383	97	0	261	0	2	14	0	0	0	4	5
	6300140	148616		1415	481	5	846	6	7	23	0	1	5	8	33
	6300145	207073		2034	713	4	1208	24	4	12	0	1	26	0	96
	6300150	300310		2746	1076	49	1447	11	5	22	2	6	28	9	91
	6300155	389766		3851	2262	120	1309	8	6	37	1	25	8	12	63
	6300160	503345		6452	2996	127	2697	80	33	71	1	7	151	23	266
	6300165	190709		1651	882	35	604	54	5	32	0	3	2	5	29
	6300170	139173		1798	1365	16	340	2	13	25	1	3	3	11	19
	6300175	124845		1062	730	26	248	2	2	19	0	2	1	5	27
	6305105	18730		152	53	0	83	0	0	9	0	0	2	2	3
	6305110	8280		34	8	0	21	0	0	2	0	0	0	0	3

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
4/4	6305115	7929	59	20	1	34	1	1	0	0	0	0	0	1	1
	6305120	21563	169	74	33	55	0	1	3	0	0	0	0	2	1
	6305125	35773	234	77	7	143	0	1	2	0	0	0	0	0	4
	6305130	132916	1302	458	92	699	0	7	16	1	0	0	4	8	17
	6305135	50458	512	277	7	213	2	1	0	0	0	0	0	2	4
	6305140	67304	725	256	27	400	0	0	19	0	0	1	2	6	14
	6305145	170960	1919	808	454	562	32	5	15	1	0	0	8	3	31
	6305150	121656	1847	653	395	642	26	6	17	0	0	0	41	16	51
	6305155	163740	2809	1000	669	1056	25	11	13	1	11	3	3	2	18
	6305160	173285	2404	831	653	795	24	4	14	1	6	6	27	13	36
	6305165	347054	4097	2087	609	1272	9	7	42	1	4	4	7	15	44
	6305170	357352	4158	1766	1260	978	32	11	42	1	9	9	9	5	45
	6305175	139014	1270	533	302	363	6	3	13	0	2	2	2	11	35
	6310105	2860	12	2	0	6	0	0	0	0	0	0	0	2	2
	6310110	8190	66	16	11	22	0	1	0	0	0	0	0	2	14
	6310115	42530	350	55	47	205	0	9	1	1	1	1	0	14	17
	6310120	90603	1021	203	236	525	2	15	10	1	0	0	3	8	18
	6310125	380540	4122	617	1158	2157	9	45	34	1	1	1	16	25	59
	6310135	2365	58	5	40	11	0	0	1	0	0	0	1	0	0
	6310140	4760	84	16	28	30	0	1	2	0	1	0	0	2	4

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAT	SHARKS	OTB	OTHERS
474	6310145	40477	723	123	345	202	17	0	14	0	2	2	6	2	12
	6310150	7170	118	39	65	9	0	0	2	0	0	0	1	2	0
	6310155	21722	356	179	118	37	4	1	2	0	0	1	0	0	14
	6310160	59867	758	177	448	55	11	6	3	0	4	4	13	9	32
	6310165	77495	896	192	529	111	8	6	6	1	2	2	9	14	18
	6310170	73670	825	248	399	152	2	1	4	0	2	2	1	3	13
	6310175	155367	2758	1153	1115	409	5	5	8	1	21	21	13	2	26
	6310190	387954	6229	857	2645	2517	32	30	33	2	5	5	22	10	76
	6315110	65100	1487	386	872	69	0	4	45	0	0	0	16	12	83
	6315115	166217	5039	1356	3025	280	5	13	49	1	1	1	36	17	254
	6315120	384320	9680	2312	5992	713	45	11	179	3	43	43	74	69	239
	6315125	556367	13434	3527	8402	853	44	27	102	6	40	40	80	45	308
	6315130	627227	13687	3333	8716	720	23	46	311	6	67	67	90	126	239
	6315135	19980	351	97	202	19	6	1	10	0	3	3	0	5	8
	6315150	8100	80	24	49	0	0	1	2	0	0	0	0	2	2
	6315155	60449	897	247	483	36	0	7	59	2	8	8	1	21	31
	6315160	120440	2041	564	1154	74	47	18	40	3	15	15	12	34	80
	6315165	91845	1318	421	706	107	18	11	7	1	3	3	7	6	31
	6315170	100604	1558	587	834	72	0	9	16	0	2	2	5	11	22
	6315175	289706	4989	1128	3131	346	25	15	76	3	54	54	39	11	161

QUAR	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUK	STM	SAI	SHARKS	OTB	OTHERS
4/4	6320110	3200	55	15	31	4	0	0	2	0	0	1	1	1
	6320115	172413	4471	1189	2557	371	0	1	50	0	8	26	14	255
	6320120	350939	9534	2614	5665	799	18	3	65	1	25	41	26	277
	6320125	649118	15865	3974	10335	1087	28	29	185	3	30	98	112	284
	6320130	463740	11279	2854	7207	630	9	30	205	1	3	68	76	196
	6320135	5730	104	26	58	12	0	0	0	0	0	1	3	2
	6320145	44568	1000	265	547	86	6	1	45	1	8	2	15	24
	6320150	11600	200	70	142	24	3	2	4	0	4	0	4	7
	6320160	9880	128	46	63	11	0	0	1	0	0	1	0	6
	6320165	11866	112	35	58	5	4	1	2	0	0	0	0	7
	6320170	239442	4866	1382	2523	247	18	56	127	0	25	82	62	344
	6320175	184447	3697	1118	2060	173	0	41	90	1	3	31	42	138
	6325125	2600	65	24	50	9	0	0	0	0	0	1	0	1
	6325135	39410	620	46	539	20	0	3	7	2	0	0	0	3
	6325140	5590	75	7	63	2	0	1	1	0	0	0	0	1
	6325155	7540	78	10	53	6	0	2	4	0	2	0	0	1
	6325170	46050	1070	144	664	85	8	0	13	0	24	32	29	71
	6325175	24070	616	203	259	42	18	0	4	0	2	20	0	68
	6335170	5904	180	6	166	0	0	0	4	0	0	1	1	2
	6400080	2600	3	0	0	2	0	0	1	0	0	0	0	0

QUAR	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
4/4	6400095	30442		365	14	0	318	7	0	2	0	0	4	6	14
	6400100	76623		819	11	0	745	0	0	3	1	0	4	10	45
	6400105	6724		51	1	0	46	0	0	0	0	0	0	0	2
	6400135	17900		214	60	0	138	2	1	2	0	0	1	2	2
	6400140	6216		85	47	0	3	1	0	0	0	0	9	0	20
	6400145	46395		422	225	0	110	7	0	1	0	0	21	2	56
	6400150	129222		1009	410	0	561	7	7	14	1	3	37	2	47
	6400155	300159		3605	1884	0	1484	71	6	20	1	0	36	4	90
	6400160	462205		6046	4237	0	1301	265	10	60	1	6	24	14	128
	6400165	476983		5907	3840	1	1603	64	23	127	2	9	20	30	188
	6400170	276108		3019	1706	99	1041	27	10	63	2	6	6	22	35
	6400175	151903		1578	1097	1	381	4	2	27	1	2	4	8	51
	6405150	8844		133	62	0	46	0	0	4	0	0	13	0	8
	6405155	37235		714	358	0	172	167	0	5	0	0	1	0	5
	6405160	38427		534	298	0	154	65	1	2	0	0	2	2	10
	6405165	52180		349	218	0	102	4	0	5	0	1	6	2	11
	6405170	16118		176	41	0	101	0	1	6	0	1	12	3	11
	6405175	3250		13	10	0	3	0	0	0	0	0	0	0	0
	6410160	17958		60	11	0	44	0	0	2	0	0	0	2	1
	6415150	5200		26	6	0	0	0	1	0	0	0	2	0	17

1980 年 太平洋 月別 海區別 魚種別
漁獲量 及 努力量

Monthly catch and effort data
by statistical block ($5^{\circ} \times 5^{\circ}$) and
by species in the Pacific Ocean
for 1980

1980年 太平洋 月別 海區別 魚種別 漁獲量 및 努力量
Monthly catch and effort data by statistical block (5°× 5°)
and by species in the Pacific Ocean

單位：尾數

Unit: No. of fish

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
1	6100165	3375	49	22	4	13	0	0	2	0	2	0	0	0	0
	6100170	76580	1362	805	6	493	5	2	15	2	24	1	3	6	6
	6100175	159709	3000	1883	9	990	0	6	43	2	42	0	9	16	16
	6105170	3094	26	17	0	8	0	0	1	0	0	0	0	0	0
	6105175	4700	70	36	0	30	0	0	2	0	1	0	0	1	1
	6200160	3100	15	9	0	4	0	0	1	0	0	0	0	1	1
	6200165	24350	334	213	45	66	0	0	3	0	3	0	0	4	4
	6200170	79470	1679	1272	56	228	6	3	14	2	26	0	0	12	12
	6200175	64789	1490	1028	42	380	0	3	8	1	10	1	4	4	4
	6205165	36910	971	671	136	137	0	0	11	0	10	0	2	4	4
	6205170	434616	13142	6199	4488	2204	9	10	50	3	90	1	73	15	15
	6205175	103802	2640	1214	1044	345	2	0	10	1	17	0	7	0	0
	6210155	20700	623	185	387	21	0	0	7	0	5	4	0	14	14
	6210160	43700	1711	894	669	66	0	0	16	0	11	11	0	44	44
	6210170	54351	1321	590	491	196	4	1	10	0	23	0	6	0	0
	6210175	102743	2758	1226	1113	323	5	0	37	1	42	1	3	7	7
	6215170	10246	248	121	103	8	2	1	5	0	8	0	0	0	0
	6215175	50076	1466	1024	324	58	4	1	4	1	33	1	13	3	3
	6300080	29700	716	1	0	664	0	2	1	1	9	4	0	34	34
	6300085	29700	607	0	0	579	0	3	0	1	8	3	0	13	13

[illegible]

월 MONTH	배 AREA	영 NO	시수 HOOKS	개 TOTAL	원 YFT	원 ALB	원 BET	원 SKJ	원 SWO	원 BUM	원 STM	원 SAI	원 SHARKS	기타 OTB	기타 OTHERS
1	6310130	29700	700	21	447	179	0	1	1	0	5	1	1	44	
	6310140	2340	48	0	12	36	0	0	0	0	0	0	0	0	
	6310150	10800	175	25	131	10	2	0	2	0	3	0	0	2	
	6310170	10050	394	155	210	20	0	0	1	0	2	0	0	0	
	6310175	7200	150	29	112	3	0	0	3	0	2	0	0	1	
	6315110	74976	1867	5	1649	82	0	12	49	0	30	4	7	20	
	6315115	28274	454	3	393	6	2	9	1	11	3	1	23		
	6315120	38630	525	21	422	29	11	2	6	2	21	2	0	9	
	6315125	67460	1492	38	1250	161	0	1	7	1	17	1	5	11	
	6315130	39700	782	11	677	66	0	2	8	0	9	1	0	8	
	6315140	5400	99	1	79	13	0	1	2	0	1	0	0	2	
	6315170	2500	34	15	19	0	0	0	0	0	0	0	0	0	
	6315175	29800	650	205	432	13	0	0	0	0	0	0	0	0	
	6320110	5400	142	0	128	5	0	1	5	0	3	0	0	0	
	6320115	168315	3827	70	3209	215	1	16	63	1	53	13	35	151	
	6320120	112560	2291	38	1990	107	25	1	25	3	83	3	5	11	
	6320125	30380	747	19	656	35	0	2	3	1	13	1	7	10	
	6320155	4100	97	0	83	8	0	1	0	0	1	0	3	1	
	6400085	21695	326	0	0	269	0	0	1	1	14	5	0	36	
	6400150	12090	140	66	0	63	0	1	3	0	6	0	0	1	

MONTH	AREA	NO	HOOKS	TOTAL	YFT	SWO	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
1	6400155	17556	248	108	0	131	0	0	1	4	1	0	3	0	0	3
	6400160	132578	2119	1247	1	820	2	2	13	21	1	10	1	1	1	10
	6400165	172862	2810	1757	14	947	2	0	13	1	15	1	1	1	1	59
	6400170	359164	7836	4348	9	3193	29	12	57	2	55	1	13	1	13	87
	6400175	552727	12232	7826	15	3655	213	9	125	5	133	1	14	1	14	236
	6405080	9700	347	0	0	0	0	0	2	0	338	0	7	0	7	0
	6405085	2350	36	0	0	0	0	1	10	0	25	0	0	0	0	0
	6405160	67470	924	544	93	214	2	0	2	3	39	0	7	0	7	30
	6405170	3000	54	37	0	13	0	0	2	0	2	0	0	0	0	0
	6405175	2475	17	8	0	7	0	0	1	0	1	0	0	0	0	0
	6410090	25550	733	0	0	0	0	1	3	2	721	1	0	1	0	5
	6415090	5200	168	0	0	0	0	0	0	0	168	0	0	0	0	0
	6425155	5200	26	7	67	10	0	1	0	0	1	0	0	0	0	0
	6425160	2840	40	1	25	11	0	2	0	0	1	0	0	0	0	0
	6425165	13370	412	8	290	105	0	4	0	0	2	1	0	1	0	2
TOTAL	4621368	99640	45509	23704	25049	474	195	819	44	2390	76	293	1087	76	293	1087

월	매	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
MONTH																
2	6100155	24440	326	199	0	56	14	0	5	0	4	0	1	47		
	6100160	2800	16	3	0	11	0	0	1	0	0	0	0	1		
	6100165	15040	87	22	1	44	0	2	8	0	1	0	0	9		
	6100170	35160	468	215	14	218	2	0	6	0	1	0	0	12		
	6100175	10073	1564	844	4	635	0	13	25	0	2	0	1	40		
	6200160	18985	210	129	0	74	0	0	3	0	2	0	0	2		
	6200165	86764	1410	747	95	284	27	1	23	0	1	0	0	234		
	6200170	262394	4318	3365	110	677	9	18	38	0	16	1	0	87		
	6200175	426645	9157	6877	279	1696	34	10	70	0	19	6	5	161		
	6205160	32310	746	529	86	104	0	0	7	0	8	0	2	10		
	6205165	40299	1165	638	240	252	2	2	2	0	5	2	0	22		
	6205170	208850	5431	3030	1391	852	8	6	23	0	12	2	62	45		
	6205175	161610	4282	2376	1094	711	14	4	13	0	4	1	32	33		
	6210155	39100	1753	652	973	65	0	0	10	0	0	13	0	40		
	6210160	16400	741	260	428	23	0	0	3	0	0	7	0	20		
	6210170	6984	127	49	52	23	0	0	0	0	0	0	3	0		
	6210175	34250	561	288	290	73	0	0	0	0	0	0	0	0		
	6300080	2750	16	0	0	11	0	2	0	0	0	1	0	2		
	6300085	10800	90	0	0	63	0	3	0	0	0	2	0	22		
	6300095	2700	11	0	0	0	0	0	0	0	0	2	0	9		

월 =	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUN	STM	SAI	SHARKS	OTB	OTHERS
2	6300100	5400	23	3	0	10	0	0	0	0	0	0	0	0	10
	6300150	5710	34	22	0	23	1	4	0	0	0	0	0	1	3
	6300155	22370	292	153	3	109	4	2	1	0	0	0	0	1	19
	6300160	100460	1369	553	121	486	2	6	21	0	0	6	2	13	159
	6300165	327266	5664	3479	286	1612	32	21	31	0	0	38	2	45	118
	6300170	234814	3221	1979	110	948	17	30	30	0	0	12	2	20	73
	6300175	290431	6007	4209	285	1279	39	13	58	0	0	10	2	18	94
	6305130	5835	53	18	7	24	0	0	1	0	0	0	0	0	3
	6305140	8160	155	33	16	93	2	1	2	0	0	6	0	0	2
	6305145	55325	912	186	138	533	1	2	19	0	0	8	1	0	24
	6305150	81610	1090	317	322	355	0	4	22	0	0	14	5	0	51
	6305155	15805	419	144	82	137	0	0	2	0	0	4	2	1	47
	6305160	102420	2554	576	377	1503	5	4	13	0	0	20	3	16	37
	6305165	59905	1140	287	536	273	2	0	14	0	0	0	1	1	26
	6305170	24270	553	143	300	73	15	0	6	0	0	3	1	1	11
	6305175	149415	3664	1207	1816	517	14	3	25	0	0	11	1	3	67
	6310125	21775	380	18	270	64	8	0	0	3	0	0	1	0	16
	6310130	77495	1245	43	579	568	1	6	12	0	0	2	3	0	31
	6310135	25600	507	30	230	238	3	1	0	0	0	0	0	0	5
	6310140	66050	1395	174	496	594	2	2	21	0	0	3	3	3	97

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTL	OTHERS
2	6310145	38380	745	63	245	405	0	0	0	7	0	0	0	0	25
	6310150	16140	388	183	162	26	8	1	1	2	0	0	1	0	5
	6310155	37380	820	344	341	96	16	2	2	6	0	0	2	0	13
	6310160	2400	42	5	13	16	5	1	1	1	0	0	0	0	1
	6310170	9750	235	84	103	26	7	2	2	3	0	4	0	0	6
	6310175	12725	363	92	144	102	1	6	6	4	0	2	1	0	11
	6315130	9870	143	1	129	6	0	2	2	2	0	0	0	0	3
	6315170	11320	172	81	72	2	0	0	0	1	0	0	4	0	12
	6315175	28120	612	276	235	29	1	4	4	3	0	0	13	1	47
	6400085	2700	11	0	0	8	0	0	0	0	0	0	1	0	2
	6400145	5720	112	75	0	34	0	0	0	1	0	0	0	0	2
	6400150	11245	233	141	0	85	0	2	2	2	0	0	0	0	3
	6400160	74500	843	495	0	280	5	5	5	12	0	8	1	3	34
	6400165	209646	2303	1491	23	598	17	10	10	34	0	17	4	6	103
	6400170	173870	2453	1335	120	818	29	17	17	31	0	9	3	5	86
	6400175	78652	733	427	3	256	0	4	4	14	0	1	0	1	27
	6405095	5400	24	0	0	14	0	0	0	0	0	0	0	0	10
	6405100	8100	37	0	0	14	0	0	0	0	0	0	0	0	23
	6405150	5590	12	1	0	9	0	0	0	0	0	0	0	2	0
	6405155	2795	1	0	0	1	0	0	0	0	0	0	0	0	0

월 MONTH	해 AREA	여 나시수 NO HOOKS	개 TOTAL	개 YFT	개 ALB	개 BET	개 SKJ	개 SWO	개 BUM	개 STM	개 SAI	개 SHARKS	개 OTE	기 OTHERS
2	6405160	10100	338	248	0	86	0	2	0	0	0	0	0	2
	6405165	4975	47	7	13	21	0	0	2	0	1	0	0	3
	6405170	20820	213	121	0	60	1	1	6	0	0	0	2	22
	6405175	36050	404	233	0	151	0	0	4	0	0	0	2	8
	6410085	2750	33	0	0	0	0	0	0	0	0	0	0	24
	6410090	53800	1970	0	0	0	0	1	4	0	1750	1	0	214
	6425135	15600	732	34	488	202	0	2	1	0	0	1	0	4
	6425140	10400	470	14	291	162	0	1	0	0	0	0	2	0
	6425145	28600	1111	50	788	253	0	5	1	0	0	1	2	11
	6425155	2600	50	1	40	8	0	1	0	0	0	0	0	0
	TOTAL	4150618	78826	39509	14144	19079	339	229	659	0	2013	99	275	2390

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUW	STM	SAI	SHARKS	OTB	OTHERS
3	6100145	3094	19	5	0	11	0	1	1	0	1	0	0	0
	6100150	3341	21	6	0	10	0	0	1	0	3	0	0	1
	6100155	71325	843	561	0	242	0	3	19	0	4	0	1	13
	6100160	79314	811	475	5	254	25	19	16	1	0	2	3	9
	6100165	78420	525	340	2	124	4	7	24	1	2	1	8	12
	6100170	164730	1958	976	2	861	21	7	26	2	4	2	0	57
	6100175	64735	637	259	0	359	17	7	15	2	5	2	6	21
	6105145	2880	12	6	0	4	0	0	0	0	0	0	0	0
	6105150	9120	66	22	0	33	0	1	1	4	1	0	1	4
	6105155	14560	115	57	0	30	10	6	8	0	0	0	0	4
	6105160	30160	231	101	0	109	0	1	13	1	0	0	0	6
	6105175	5960	43	29	0	12	0	0	1	1	0	0	0	0
	6110130	2409	17	4	0	2	0	1	0	2	0	0	0	8
	6200155	26820	572	472	0	79	0	0	13	0	0	2	0	6
	6200160	186677	2533	2010	18	425	0	4	32	0	10	1	2	31
	6200165	83000	1160	466	223	417	13	0	22	2	3	0	3	11
	6200170	73318	490	252	17	164	2	1	14	5	7	1	1	26
	6200175	80027	941	471	112	289	10	8	10	9	10	3	5	14
	6205145	4880	256	117	96	34	0	0	0	0	0	0	7	0
	6205150	3120	21	16	0	3	0	0	1	0	0	0	0	1

구분	해역	영역	날시수	개	와트레이	나가다레이	부다레이	가다레이	화사시	노새시	치새시	도새시	사어	기파새시	기파
MONTH	AREA	NO	HOURS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUH	STM	SAI	SHARKS	OTB	OTHERS
3	6205155	14040	390	390	330	0	50	0	0	0	0	0	1	1	3
	6205160	200760	4471	3777		51	511	0	4	47	4	15	19	0	43
	6205165	129078	2670	1166		942	468	4	3	34	6	9	4	16	24
	6205170	214016	3354	1086		1500	636	4	4	36	3	12	3	27	41
	6205175	103957	2018	705		914	302	4	1	13	1	13	2	41	22
	6210160	4600	77	49		20	1	0	0	1	0	0	6	0	0
	6210165	2300	19	5		11	2	0	0	0	0	0	1	0	0
	6210170	22250	404	120		219	30	0	1	11	0	1	15	0	7
	6210175	25070	263	88		77	68	0	1	15	0	2	5	0	7
	6215175	20690	281	206		34	7	0	0	13	0	1	0	0	20
	6300125	2700	6	2		0	2	0	0	0	0	0	0	0	7
	6300145	17310	180	42		20	85	8	1	6	1	0	4	0	11
	6300150	36010	257	102		5	111	5	11	8	0	4	1	1	9
	6300155	87380	751	411		37	225	0	5	36	1	3	7	4	22
	6300160	185557	2181	1151		158	686	31	9	57	4	1	14	8	62
	6300165	219240	2249	1167		104	797	27	8	32	5	14	13	42	40
	6300170	82138	1113	647		19	394	0	9	10	1	5	4	12	12
	6300175	171400	1765	1086		55	508	1	8	30	6	3	1	32	35
	6305140	2700	28	3		0	23	0	1	0	1	0	0	0	0
	6305145	66120	1186	395		262	446	5	4	36	1	2	2	1	32

월 MONTH	매 AREA	기 NO	나 HOOKS	TOTAL	와 YFT	나 ALB	다 BET	래 SKJ	이 SWO	노 BUM	래 STM	사 SAI	이 SHARKS	기 OTB	타 OTHERS
3	6305150	161936	2299	617	704	792	8	7	70	4	4	18	2	73	
	6305155	94015	1215	414	276	472	0	4	17	2	3	7	2	18	
	6305160	65200	757	261	120	312	3	2	20	1	13	2	7	16	
	6305165	150668	2012	554	626	661	0	0	55	7	27	15	13	54	
	6305170	93858	1228	475	383	291	0	7	27	1	0	2	3	39	
	6305175	131790	2516	780	1063	538	3	6	38	11	13	3	29	32	
	6310145	34155	760	65	505	333	0	1	32	0	4	1	0	21	
	6310155	9600	96	27	30	27	0	0	8	0	0	0	0	4	
	6310165	11900	91	16	12	53	0	0	0	3	1	1	0	5	
	6310170	44620	580	162	212	183	0	1	4	8	0	2	0	8	
	6310175	69897	1386	676	478	141	5	0	29	6	2	30	0	19	
	6315165	5200	36	4	29	0	0	1	1	0	0	0	0	1	
	6320160	7700	92	5	73	9	0	0	0	2	0	1	0	2	
	6320170	2300	34	12	12	0	0	0	0	0	0	10	0	0	
	6320175	15200	249	77	157	0	14	0	0	1	0	0	0	0	
	6325155	2490	24	7	14	0	0	0	1	0	1	0	0	1	
	6325160	2280	14	3	10	1	0	0	0	0	0	0	0	0	
	6325170	13300	325	84	204	37	0	0	0	0	0	0	0	0	
	6330150	2154	15	4	11	0	0	0	0	0	0	0	0	0	
	6335150	4560	70	0	62	2	0	0	0	1	0	0	4	1	

월	매	일	날	시	수	개	화	다	래	이	부	다	래	이	가	다	래	이	오	래	이	노	트	리	노	트	리	사	이	기	타	사	이	기	타
MONTH	AREA	NC	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS																				
3	6335155	45940	1750	34	1661	9	3	3	3	16	2	0	11	0	9																				
	6335160	17840	818	6	601	2	0	1	1	4	1	0	7	0	2																				
	6335165	11700	163	14	135	2	0	2	2	2	2	0	4	0	2																				
	6335170	14650	195	35	135	22	0	1	1	0	1	0	1	0	0																				
	6340165	9516	162	0	171	1	0	1	1	3	0	0	5	0	1																				
	6400110	2700	20	4	0	2	0	0	0	0	1	0	0	0	13																				
	6400145	95965	1633	313	0	1234	0	12	13	12	12	0	8	1	40																				
	6400150	27415	363	141	0	203	0	1	6	1	1	2	4	0	5																				
	6400155	40135	523	323	0	181	0	3	3	3	2	2	0	0	9																				
	6400160	79183	741	414	10	264	0	6	11	7	7	7	2	3	17																				
	6400165	199501	2054	1247	6	636	25	11	34	5	11	11	11	13	35																				
	6400170	83677	958	594	5	313	1	8	9	2	4	0	0	4	13																				
	6400175	211935	2541	1360	2	923	88	31	46	14	13	1	6	51																					
	6405160	3120	9	2	0	5	0	0	1	1	0	0	0	0	0																				
	6405165	6812	53	30	0	23	0	0	0	0	0	0	0	0	0																				
	6405170	9945	57	29	0	15	0	2	3	0	0	0	0	0	8																				
	6405175	3250	6	3	0	0	0	1	0	0	0	0	0	0	2																				
	6410090	4445	999	1	0	0	0	2	5	29	929	0	2	31																					
	6415135	18550	162	19	10	136	0	0	0	0	7	0	3	0	7																				
	6415140	20800	223	21	0	174	0	0	0	0	11	0	7	0	10																				
	6420135	7800	93	17	28	36	0	0	0	0	4	0	3	1	4																				
	6425135	20800	893	55	650	172	0	0	0	0	5	0	4	2	5																				
TOTAL	4457948	63219	28090	13300	17024	341	250	1073	216	1172	283	296	1174																						

월 MONTH	매 AREA	여 NO	나 HOOKS	수 TOTAL	개 YFT	알 ALB	부 BET	가 SKJ	화 SWO	노 BUM	저 STM	새 SAJ	어 SHARKS	기 OTB	타 OTHERS
4	6100145	2500	54	50	0	2	0	0	0	0	0	1	0	0	1
	6100155	30270	584	474	0	98	0	0	0	3	2	1	1	0	5
	6100160	196196	2968	2162	0	602	38	8	24	4	4	10	4	15	101
	6100165	121071	1098	704	0	332	9	3	10	1	1	12	1	9	17
	6100170	30875	299	151	0	131	1	0	2	0	0	0	0	1	13
	6100175	25246	362	260	0	99	3	0	5	1	1	2	0	0	12
	6105140	3250	14	10	0	4	0	0	0	0	0	0	0	0	0
	6105145	19645	118	51	0	35	10	4	7	0	0	0	0	0	11
	6105150	7040	43	16	0	12	5	0	4	0	0	0	0	0	6
	6105155	5337	80	43	0	34	0	0	0	0	1	0	0	1	1
	6110140	35805	522	364	0	80	34	9	13	0	0	0	0	0	22
	6110145	15620	306	253	0	20	5	1	9	0	0	3	2	0	13
	6200145	31902	667	380	0	279	0	0	2	0	0	0	2	1	3
	6200155	21250	277	215	0	52	0	1	2	2	2	2	0	0	3
	6200160	254100	3763	2990	18	653	8	8	29	3	3	14	5	4	51
	6200165	232950	3222	2165	188	687	4	5	27	21	15	15	3	40	67
	6200170	41315	354	213	27	91	0	3	2	11	0	0	1	1	5
	6200175	44340	475	110	214	130	2	0	1	12	0	0	1	0	5
	6205150	24300	1356	1174	0	163	0	1	6	2	2	0	1	0	9
	6205155	35980	701	490	64	120	5	1	6	2	2	0	3	0	10

월 월	매 기	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STW	SAI	SHARKS	DTB	OTHERS
4	6205160	82187	1105	785	72	177	0	3	10	5	5	6	16	26		
	6205165	71248	1430	911	239	237	6	0	10	4	4	3	1	15		
	6205170	54490	962	281	520	121	0	2	10	2	1	2	9	14		
	6205175	92305	1708	425	828	363	3	0	2	14	2	1	65	5		
	6210150	21600	1368	1243	2	111	0	1	3	0	0	4	0	4		
	6210155	73461	1179	397	482	264	4	0	6	0	0	11	0	15		
	6210160	14330	144	34	61	45	0	0	0	0	1	0	1	2		
	6210170	5760	60	37	16	1	0	0	2	0	1	0	0	3		
	6210175	40260	760	372	232	144	0	2	7	2	3	1	0	17		
	6215170	2600	30	14	8	8	0	0	0	0	0	0	0	0		
	6215175	2500	44	26	18	0	0	0	0	0	0	0	0	0		
	6225155	2468	53	2	43	4	0	0	0	0	0	2	1	1		
	6230155	4976	98	0	82	5	0	0	0	4	0	3	3	1		
	6230160	7900	146	0	128	14	0	0	0	1	3	0	0	0		
	6230165	2400	50	0	36	1	0	1	0	0	0	12	0	0		
	6235160	9000	125	19	146	8	0	0	2	0	4	3	0	3		
	6300140	6175	17	7	0	9	0	0	0	1	0	0	0	0		
	6300145	143005	2036	249	95	1573	19	11	15	19	4	12	3	36		
	6300150	57862	399	109	47	184	3	6	16	2	4	1	1	26		
	6300155	110000	871	347	82	370	0	17	16	4	4	4	1	26		

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STW	SAI	SHARKS	OTB	OTHERS
4	6300160	124760	1696	670	50	855	14	11	11	16	1	12	9	47
	6300165	27540	325	172	24	93	7	1	6	3	1	2	1	15
	6300170	81616	1055	640	75	278	16	3	6	2	5	0	4	24
	6300175	76261	919	336	189	337	0	3	7	3	18	15	1	10
	6305140	87206	1170	181	365	575	0	2	17	4	3	6	0	26
	6305145	162071	3479	736	1512	1067	0	14	24	23	0	19	24	60
	6305150	116497	1560	669	365	355	0	11	40	3	2	11	2	102
	6305155	62763	861	263	220	312	0	4	16	6	1	12	4	23
	6305160	29910	413	113	141	145	0	0	2	2	0	1	3	6
	6305165	394531	7252	2891	2597	1272	12	16	125	17	13	16	38	255
5	6305170	189685	3124	1005	1407	606	3	2	17	28	8	4	9	35
	6305175	161821	2664	857	1671	553	5	0	24	24	18	7	3	42
	6310150	8660	128	73	37	9	0	0	3	0	0	0	1	5
	6310165	33740	748	368	245	08	2	0	7	8	1	1	6	12
	6310170	14280	173	82	43	35	5	1	1	3	1	0	0	9
	6310175	25055	318	186	86	13	1	0	8	0	0	0	1	23
	6325165	2150	32	11	16	5	0	0	0	0	0	0	0	0
	6325170	2600	50	4	35	6	0	0	2	0	0	0	0	3
	6330135	2208	198	0	190	1	0	0	0	1	0	0	0	6
	6330145	15200	564	0	553	5	0	0	0	2	0	4	0	0

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
4	6330160	2600	64	2	52	5	0	1	0	0	0	0	3	0	1
	6330165	7800	86	3	67	6	0	0	1	0	0	0	7	0	2
	6330170	5200	78	8	46	4	0	0	0	4	0	0	11	0	5
	6335135	22680	1730	0	1613	8	0	0	0	0	3	2	21	0	53
	6335140	26304	1216	7	1178	5	2	0	0	0	5	0	8	0	11
	6335145	47002	1618	0	1588	8	0	1	2	9	0	0	7	0	3
	6335150	90650	4109	1	3905	21	0	4	20	5	1	1	32	0	30
	6335155	132060	4604	40	4444	21	12	8	17	10	1	1	26	0	25
	6335160	35760	1173	5	1134	4	0	4	7	1	1	1	7	0	10
	6400135	8967	28	2	0	25	0	0	0	0	0	0	0	0	1
	6400140	18929	145	50	0	89	0	0	1	4	0	0	1	0	4
	6400145	115570	1192	285	0	826	39	4	4	4	1	1	8	0	21
	6400150	57650	480	201	1	259	0	0	3	1	4	4	4	0	7
	6400155	9445	26	19	0	5	0	0	0	0	0	0	0	0	2
	6400160	12725	115	44	3	55	1	0	0	0	0	2	4	0	6
	6400165	6565	27	12	0	8	4	0	1	0	0	0	0	0	2
	6400170	19241	237	123	0	110	0	0	2	0	0	0	0	0	2
	6400175	48437	697	461	4	203	1	6	3	6	5	5	0	2	6
	6405135	5989	31	4	0	16	0	1	1	4	0	0	1	0	4
	6405145	10720	168	17	0	148	0	1	0	2	0	0	0	0	0

월 년	매 기	영 역	나 시 수	개	와 다 래 이	나 개 다 래 이	부 다 래 이	가 다 래 이	과 사 래 이	부 사 래 이	STM	SAI	SHARKS	OTB	OTHERS
MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUK	STM	SAI	SHARKS	OTB	OTHERS
4	6405150	9555	43	12	0	29	0	0	0	0	0	0	1	0	1
	6405160	14400	122	56	7	41	2	0	0	1	7	5	0	1	2
	6405175	13600	153	111	6	32	0	0	0	0	2	2	0	0	0
	6410090	81160	3163	0	0	0	0	0	5	8	9	3141	5	2	13
	6410150	2600	30	1	0	27	0	0	1	0	1	0	0	0	0
	6415135	20800	321	25	9	275	0	0	1	0	6	0	4	0	1
	6415140	2600	24	5	0	17	0	0	0	0	2	0	0	0	0
	6420145	5200	36	13	6	12	0	0	0	0	3	0	1	1	0
TOTAL				78352	28297	27022	16142	285	192	644	345	3333	350	285	1457

월	해	역	기	나	수	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
MONTH	AREA	역	기	나	수	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
5	6100150					28865		626	194	0	197	0	2	2	0	0	0	0	231
	6100155					167197		4765	3462	0	962	52	20	22	1	23	0	7	216
	6100160					111235		1750	1273	0	286	32	0	32	0	6	0	3	116
	6100165					20220		378	257	0	99	0	0	0	0	0	0	0	14
	6100170					40710		778	623	0	130	3	0	7	0	0	1	2	12
	6100175					59891		770	538	1	210	0	4	4	0	3	0	0	10
	6105150					6370		77	54	0	17	0	1	1	0	3	0	0	1
	6105155					5904		64	57	0	5	0	0	0	0	1	0	0	1
	6110145					20275		399	277	0	77	0	1	23	0	4	0	0	17
	6110150					21125		296	229	0	46	0	1	9	0	2	0	0	9
	6110175					2775		33	0	4	28	1	0	0	0	0	0	0	0
	6200160					115915		3239	2318	0	334	0	0	37	1	6	1	4	588
	6200165					50210		1308	709	48	285	0	0	13	0	4	3	1	245
	6200170					23805		602	406	5	181	0	0	2	0	1	0	4	3
	6200175					10390		329	254	35	22	0	0	8	0	1	1	0	8
	6205160					19120		481	277	102	89	0	0	7	0	0	0	0	6
	6205165					172190		3324	1620	986	621	0	1	26	0	6	2	36	26
	6205170					95730		2640	1208	874	456	0	2	43	0	4	2	6	43
	6205175					0726		163	43	92	25	0	0	1	0	0	0	0	2
	6210170					60053		675	338	175	125	0	3	12	0	5	3	1	13

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
5	6210175	26233	271	107	61	82	0	0	3	0	1	1	10	6
	6215175	2260	35	7	26	1	0	0	0	0	0	0	0	1
	6220175	15820	280	69	174	24	0	1	0	0	0	5	0	7
	6225170	7360	186	14	135	20	0	0	2	0	0	2	0	13
	6230155	36968	1019	10	908	48	0	0	5	2	0	6	12	28
	6230160	67216	1766	18	1686	39	0	2	0	0	0	6	6	9
	6230165	7464	239	0	236	3	0	0	0	0	0	0	0	0
	6235155	35240	927	4	620	96	0	0	1	1	0	2	0	3
	6235160	81872	2830	8	2631	86	0	6	7	1	0	28	9	54
	6235165	39040	2644	7	2542	58	0	4	5	0	0	10	0	18
	6300145	212801	2462	1050	102	1094	3	18	74	2	1	6	0	106
	6300150	169819	2238	1169	145	728	20	6	39	1	2	7	24	97
	6300155	185571	2217	1322	107	657	1	16	34	1	4	5	8	62
	6300160	145970	1766	1001	95	563	3	20	23	1	8	3	6	43
	6300165	164832	2096	1131	123	732	0	23	17	0	11	8	10	41
	6300170	90300	1964	1125	214	436	12	18	16	0	11	2	0	128
	6300175	81220	926	510	34	327	0	9	12	1	10	2	0	21
	6305140	21760	334	127	121	79	0	0	3	0	0	0	0	4
	6305145	217917	5934	2160	1598	1861	6	19	50	3	14	16	10	197
	6305150	226854	5943	2331	1552	1684	0	13	51	1	8	10	20	273

MONTH	AREA	매 일	인 수	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
5	6305155	89803	2113	897	739	400	0	4	28	0	0	0	16	27	2	16	27
	6305160	93415	2388	663	1042	566	1	4	34	0	1	0	3	74	0	3	74
	6305165	104022	2577	799	1106	474	17	2	20	1	7	2	2	51	2	2	51
	6305170	147520	3164	1465	965	574	6	1	41	2	11	0	1	98	0	1	98
	6305175	224342	5629	1758	3121	600	0	3	35	2	11	1	41	57	1	41	57
	6310165	19720	530	252	222	92	1	0	1	1	2	0	0	9	0	0	9
	6310170	7104	173	83	92	7	0	0	0	0	0	0	0	1	0	0	1
	6310175	39590	1002	582	353	125	0	0	2	1	0	1	0	12	1	0	12
	6320165	10920	291	16	249	14	5	0	0	0	1	0	4	0	0	4	0
	6320175	11640	263	35	199	10	0	1	4	0	0	0	0	0	5	0	0
	6325130	15190	309	9	264	16	0	0	2	1	3	0	0	11	3	0	11
	6325135	41425	886	26	745	50	0	0	5	1	7	14	0	36	14	0	36
	6325145	2925	122	4	111	0	0	1	0	0	0	0	0	4	2	0	4
	6325150	4964	100	64	30	1	0	0	0	0	0	0	0	3	2	0	3
	6325155	8300	205	5	185	7	0	2	1	0	0	0	0	3	2	0	3
	6325160	5530	1463	25	1392	5	0	3	7	1	0	0	3	27	0	3	27
	6325165	2180	627	56	530	15	0	0	0	0	2	0	16	5	3	16	5
	6325170	20800	450	60	349	20	0	5	8	0	0	0	0	7	1	0	7
	6325175	2600	36	7	27	0	0	0	1	0	0	0	0	1	0	0	1
	6330130	12220	323	7	278	11	0	0	2	1	6	4	0	14	4	0	14

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUH	STM	SAT	SHARKS	OTB	OTHERS
5	6330135	66497		2203	24	2073	30	0	0	2	3	7	12	0	52
	6330140	7660		218	0	215	1	0	0	1	0	0	0	0	1
	6330145	5525		01	1	57	2	0	0	0	0	0	0	0	1
	6330150	23905		656	6	554	67	0	5	2	0	0	7	0	13
	6330155	29810		794	49	675	10	0	4	10	0	0	12	0	34
	6330160	12600		128	2	102	6	0	0	0	0	0	1	0	15
	6335130	20000		900	7	912	6	0	5	10	0	0	4	0	16
	6335135	67920		2415	37	2278	15	0	2	7	1	9	14	1	51
	6335140	80820		2438	49	2374	24	5	3	7	1	0	6	0	19
	6335145	107120		4116	34	3986	22	0	7	23	1	1	8	0	34
	6335150	59605		2047	0	2000	9	0	5	13	1	0	3	0	16
	6335155	25745		1046	0	1045	0	0	0	1	0	0	0	0	0
	6400105	3000		23	19	0	3	0	0	0	0	0	0	1	0
	6400145	2800		67	60	0	6	0	0	1	0	0	0	0	0
	6400155	67611		907	548	0	402	0	0	7	0	2	0	0	28
	6400160	132989		1809	952	4	735	4	26	20	1	7	4	8	4P
	6400165	156049		2003	1038	5	866	9	13	19	1	2	4	7	39
	6400170	175969		2451	1231	9	890	14	20	22	1	5	1	6	252
	6400175	130672		1456	743	3	670	0	5	9	1	2	0	3	20
	6405165	2507		6	0	0	5	0	0	1	0	0	0	0	0

MONTH	AREA	NG	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	RUM	STM	SAI	SHARKS	OTB	OTHERS
5	6405170	31684	260	104	104	0	145	0	2	4	0	2	0	0	3
	6405175	3000	12	2	2	0	3	3	0	2	0	1	0	0	1
	6410090	47910	1361	0	0	0	0	0	3	10	1	1344	0	3	20
	6410165	2264	9	2	2	1	3	0	0	1	0	0	0	0	2
	6410170	5173	22	6	6	1	11	0	0	2	0	0	0	0	2
	6410175	5039	63	14	14	14	34	0	0	1	0	0	0	0	0
	6430135	2500	58	2	2	53	1	0	0	0	0	0	1	0	1
TOTAL	5129657	103344	38062	44072	19772	198	316	971	39	1572	302	3789			

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
6	6100155	31950	686	459	0	167	33	0	1	0	18	0	0	8
	6100160	3185	48	29	0	3	0	0	0	0	0	0	0	11
	6100165	85531	1650	1146	0	426	0	2	6	0	0	0	0	68
	6100170	6814	76	66	0	30	0	0	0	0	0	0	0	0
	6100175	5343	74	68	0	0	0	0	0	0	0	0	0	0
	6105175	8112	62	59	0	16	0	0	1	0	0	0	0	6
	6110170	2899	37	13	0	22	0	2	0	0	0	0	0	0
	6200160	176411	5608	3927	2	487	0	4	17	1	18	0	36	1116
	6200165	109367	1419	963	2	367	0	5	3	1	6	1	0	71
	6200170	189749	4857	3945	50	651	0	9	10	0	15	0	6	171
	6200175	54509	927	683	34	169	0	1	1	0	5	0	0	34
	6205160	2730	32	21	0	4	0	0	1	0	0	0	0	6
	6205165	318045	10436	6572	1972	1046	4	10	28	3	52	0	9	740
	6205170	87855	2624	1375	678	332	5	2	9	1	11	0	0	211
	6205175	11307	356	221	69	46	0	0	0	0	1	0	0	19
	6210170	18340	770	466	159	88	2	1	1	0	6	0	0	47
	6210175	35808	645	292	221	63	0	0	1	0	0	0	0	60
	6215170	37520	786	182	396	34	22	3	0	0	26	1	1	121
	6220170	2260	35	7	21	1	0	0	0	0	0	0	0	6
	6220175	6760	104	16	60	9	0	0	0	0	0	0	0	19

월 MONTH	해 AREA	어 NO	이 HOOKS	개 TOTAL	낚시수 YFT	나 ALB	가 BET	다 SKJ	래 SWO	이 BUM	치 STM	새 SAI	사 SHARKS	어 OTB	기 OTHERS
6	6225160	2428	58	1	44	1	0	0	0	0	0	0	0	0	12
	6225170	58460	1293	41	915	54	10	1	7	0	0	0	0	0	265
	6225175	71224	2127	98	1557	56	0	9	4	2	0	0	2	5	454
	6230155	9600	195	0	134	20	0	0	0	1	0	0	0	0	40
	6236160	31312	847	5	606	38	0	1	1	1	0	0	1	5	189
	6230165	6100	34	0	59	7	0	0	0	0	0	0	0	0	18
	6235165	7600	431	0	376	2	0	1	0	0	0	0	0	0	92
	6300135	3035	20	14	0	3	1	0	0	0	0	0	0	0	2
	6300140	9119	45	24	1	15	0	0	0	0	0	0	0	0	5
	6300145	43603	486	298	11	149	1	2	3	0	0	2	0	2	18
	6300150	92760	1526	795	135	450	17	2	7	1	2	0	0	13	98
	6300155	140570	3201	1763	316	933	13	9	0	2	2	0	0	7	148
	6300160	191405	4557	2159	313	1770	41	26	10	0	0	16	1	6	215
	6300165	112700	3518	2284	249	800	30	42	5	0	0	12	0	1	115
	6300170	258706	6213	3936	528	1166	11	19	11	1	1	10	1	16	512
	6300175	514164	14776	10968	748	2202	21	16	33	3	3	24	1	7	753
	6305135	3055	43	7	0	23	0	0	0	0	0	1	0	0	12
	6305140	51510	1044	356	194	365	1	2	3	1	0	3	0	2	115
	6305145	628482	11878	4776	3150	3548	21	27	53	6	11	11	4	35	247
	6305150	272262	4985	1654	1669	1450	14	12	22	2	19	2	2	20	121

MONTH	AREA	NO	HOOBS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
6	6305155	102607	1952	841	487	581	2	2	2	5	0	0	0	2	32
	6305160	90166	2210	1038	322	803	0	10	6	6	0	2	0	5	24
	6305165	67540	1636	861	310	427	9	4	3	3	1	0	0	0	21
	6305170	162263	3811	1986	1041	701	0	2	7	7	1	3	0	6	64
	6305175	75175	2011	1096	414	454	0	0	1	1	2	8	0	7	27
	6310145	85797	1452	471	602	304	0	0	7	3	3	3	1	7	45
	6310150	19901	343	71	185	60	4	1	3	0	0	6	0	0	13
	6310165	13050	272	220	26	24	0	0	0	0	0	0	0	0	2
	6310170	15660	328	243	45	38	0	0	0	0	0	0	0	0	2
	6320155	9550	175	17	133	16	0	0	1	1	0	0	0	0	8
	6320175	2260	38	8	26	2	0	0	0	0	0	0	0	0	2
	6325130	38500	1043	36	900	30	2	0	2	2	2	11	1	0	59
	6325135	130360	2844	173	2373	124	5	0	0	0	6	17	3	1	142
	6325140	12200	265	19	221	6	0	0	0	0	1	3	1	0	14
	6325145	127880	3028	209	2646	55	2	6	2	2	4	1	3	5	155
	6325150	177445	4708	186	4149	81	11	16	8	1	1	10	1	25	220
	6325155	240690	5404	185	4781	78	1	22	7	4	4	25	3	31	267
	6325160	94572	2496	184	2103	50	6	1	2	2	2	3	1	28	116
	6325165	5330	121	7	106	0	0	1	0	0	0	1	0	0	6
	6325170	78728	1745	82	1358	210	0	7	5	0	0	0	2	0	81

[illegible]

월	해	이	날	시	수	개	와	다	해	이	나	개	다	해	이	부	다	해	이	가	다	해	이	와	다	해	이	사	의	기	타	사	의	기	타
MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS																				
7	6100155	2364	14	9	0	0	5	0	0	0	0	0	0	0	0																				
	6100160	10308	77	52	0	0	21	0	1	1	0	0	0	0	2																				
	6100165	52230	1487	1080	80	297	0	0	0	0	0	0	3	3	18																				
	6100170	56303	1042	869	0	90	0	0	1	1	0	1	2	12	66																				
	6100175	5915	118	86	0	21	0	0	2	1	0	0	2	3	3																				
	6105160	3060	77	14	0	59	0	0	0	2	0	0	0	0	2																				
	6200160	26046	466	297	27	103	7	1	1	7	0	5	2	5	12																				
	6200165	35755	568	344	40	130	4	2	2	13	0	7	4	4	20																				
	6200170	121027	2012	1484	11	430	1	7	12	12	0	8	3	8	48																				
	6200175	242212	7743	6236	298	1068	0	7	27	27	0	8	6	28	65																				
	6205160	56375	1809	1082	494	188	1	2	2	2	0	10	0	16	14																				
	6205165	322774	11773	5919	4416	1060	44	10	45	45	0	51	4	22	202																				
	6205170	289897	8946	4630	3002	1065	15	3	39	39	0	37	5	21	129																				
	6205175	133964	4042	2290	832	480	0	1	23	23	0	0	1	2	413																				
	6210170	37640	1383	812	416	122	7	0	2	2	0	12	3	0	9																				
	6215155	17100	487	88	357	11	4	2	8	8	0	3	1	3	10																				
	6220155	25650	754	185	498	28	7	3	10	10	0	3	1	3	16																				
	6220160	23000	501	28	407	24	7	2	10	10	0	8	0	2	13																				
	6225170	4784	124	11	99	6	1	0	0	0	0	0	2	0	5																				
	6225175	76247	2194	122	1651	119	24	6	19	19	0	5	7	5	36																				

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MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
7	6300145	5720	19	6	0	0	9	0	0	2	0	0	0	0	2
	6300150	3120	65	52	0	0	11	0	1	1	0	0	0	0	0
	6300155	14950	329	127	36	0	154	0	1	5	0	0	0	0	6
	6300160	201241	3901	1735	251	0	1733	11	21	29	0	2	6	3	110
	6300165	455903	7832	3630	772	0	3152	17	35	46	0	5	9	40	124
	6300170	341018	7159	4634	864	0	1489	3	10	36	0	3	5	6	109
	6300175	529929	15058	11063	1273	0	2291	4	19	48	0	10	7	36	207
	6305140	3120	14	1	7	0	6	0	0	0	0	0	0	0	0
	6305145	52479	1101	198	754	0	90	0	3	11	0	1	8	3	25
	6305150	7833	155	49	84	0	11	0	1	2	0	2	2	1	3
	6305155	119993	2384	651	961	0	1092	27	3	15	0	2	8	1	124
	6305160	153055	3806	1247	1343	0	1017	60	5	23	0	5	10	0	96
	6305165	424869	11505	5635	2481	0	3135	20	9	59	0	16	6	23	119
	6305170	662777	18952	10923	5314	0	2321	23	13	103	0	10	14	10	221
	6305175	887520	31945	18945	9444	0	2928	0	30	145	0	21	16	55	361
	6310140	76038	1465	401	875	0	145	0	1	9	0	1	2	3	28
	6310145	54012	1063	236	594	0	173	0	4	15	0	1	6	3	31
	6310160	7560	120	27	66	0	17	6	0	1	0	0	1	0	2
	6310165	30990	573	298	177	0	75	12	0	1	0	0	1	0	9
	6310170	27665	549	374	115	0	53	0	1	0	0	0	1	0	5

월 MONTH	해 AREA	어 NO	낚시 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
7	6310175	14140	193	76	94	9	0	1	2	0	0	3	1	7	
	6315170	19380	525	144	334	36	0	0	1	0	1	1	1	7	
	6315175	2000	6	2	3	0	0	0	0	0	0	0	0	1	
	6320155	2400	42	6	32	2	0	0	1	0	0	0	0	1	
	6320160	36300	890	158	659	55	7	1	2	0	0	0	0	8	
	6320165	36107	772	100	522	103	18	1	2	0	14	2	0	10	
	6320170	103197	2272	160	1857	129	8	13	11	0	8	25	2	59	
	6320175	27474	711	107	531	45	1	2	5	0	0	7	0	13	
	6325130	62115	1858	73	1694	14	0	0	0	0	0	19	0	58	
	6325135	42400	1340	32	1209	21	3	0	1	0	4	13	0	57	
	6325145	135630	5108	228	4599	100	13	2	2	0	7	28	35	94	
	6325150	320363	8373	265	7788	75	22	14	32	0	16	26	46	89	
	6325155	202765	5032	212	4570	87	15	10	27	0	9	20	2	130	
	6325160	18340	430	19	393	7	4	1	1	0	0	1	0	4	
	6325165	53085	1225	100	971	109	14	1	5	0	11	2	0	12	
	6325170	160768	4287	240	3585	271	6	7	18	0	10	32	21	97	
	6325175	179669	5586	465	4577	343	9	5	23	0	4	38	24	98	
	6330145	2700	48	3	32	0	0	0	1	0	0	6	0	6	
	6330170	1420	15	0	6	9	0	0	0	0	0	0	0	0	
	6400155	15770	141	111	0	29	0	0	0	0	0	1	0	0	
	6400160	22197	235	168	0	52	0	1	2	0	0	0	0	12	
	6400165	15210	154	95	0	44	0	1	1	0	0	0	0	13	
	6400170	6890	161	80	0	76	0	1	1	0	0	1	0	2	
TOTAL		7150803	193566	88714	71705	26853	425	268	919	0	321	375	453	3443	

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
8	6100155	11760	97	66	0	22	5	^	1	0	0	0	0	3
	6100160	2820	13	8	0	2	0	0	1	0	0	0	0	2
	6100165	64320	1452	1310	1	118	0	2	10	0	0	0	0	11
	6100170	37635	585	525	0	35	1	2	10	0	0	0	0	12
	6100175	84320	1316	1115	0	157	0	3	17	0	0	1	1	22
	6105160	6305	52	32	0	18	0	0	1	0	0	0	0	1
	6105165	9621	135	97	0	33	0	0	3	0	0	0	0	2
	6105170	6720	80	64	0	12	0	0	2	0	0	0	0	2
	6110155	8460	59	10	0	48	0	0	1	0	0	0	0	0
	6200160	26400	339	204	0	123	0	0	6	0	0	0	0	6
	6200165	18547	338	146	89	71	0	0	4	0	0	0	2	26
	6200170	115836	1959	1495	57	329	6	11	21	0	0	1	3	36
	6200175	527155	14000	11769	371	1611	35	24	50	1	0	10	12	197
	6205160	21960	399	305	0	89	0	0	3	0	0	0	0	2
	6205165	58615	1345	667	375	234	32	6	6	1	0	0	4	20
	6205170	90199	1873	1159	408	273	2	5	8	0	0	0	5	13
	6205175	189348	3980	2523	845	509	11	4	24	0	0	1	1	62
	6210150	26100	443	142	201	62	8	3	9	0	0	0	2	16
	6215150	34800	963	329	536	36	11	5	13	0	1	1	3	28
	6220170	2720	40	5	27	6	0	0	0	0	0	0	0	2

월 MONTH	매 AREA	어 NO	낚시수 HOOKS	TOTAL	YFT	ALB	오 YFT	개 TOTAL	와다래이 YFT	나개다래이 ALB	오 YFT	가다래이 SKJ	오 YFT	와다래이 SWO	오 YFT	가다래이 BUM	오 YFT	와다래이 STM	오 YFT	가다래이 SAI	오 YFT	와다래이 SHARKS	오 YFT	기 OTHERS
8	6220175	43880	1276	191	976	72	2	7	6	0	0	2	3	2	0	0	0	0	0	0	0	2	3	17
	6225170	47500	1415	367	1027	7	0	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	6225175	45044	1639	131	1303	128	34	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
	6300155	68027	1180	531	109	480	6	5	11	0	0	0	0	0	0	0	0	0	0	0	0	0	2	36
	6300160	182977	3282	1619	459	1074	14	12	29	1	0	0	0	0	0	0	0	0	0	0	0	2	9	63
	6300165	263363	3059	1444	214	1224	13	35	42	1	0	0	0	0	0	0	0	0	0	0	0	2	18	66
	6300170	226796	3361	2425	184	639	2	22	20	0	0	0	0	0	0	0	0	0	0	0	0	2	5	62
	6300175	634609	15145	12564	530	1792	6	18	53	2	1	3	29	147	0	0	0	0	0	0	0	0	0	0
	6305140	2860	32	7	7	13	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
	6305145	2967	36	5	11	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6305150	93716	1674	451	512	630	13	1	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6305155	189764	3203	1278	728	1022	47	7	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6305160	310466	6791	2609	2157	1811	43	17	41	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6305165	611844	11709	5910	2986	2515	65	23	58	3	1	7	7	134	0	0	0	0	0	0	0	0	0	0
	6305170	287830	5968	3242	1555	1042	13	14	33	1	1	2	2	63	0	0	0	0	0	0	0	0	0	0
	6305175	227577	4209	2384	1085	659	4	5	17	1	0	3	2	49	0	0	0	0	0	0	0	0	0	0
	6310160	2450	25	4	13	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6310170	9380	209	53	139	11	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6315170	6655	106	24	77	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6320155	37980	1011	191	718	44	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

월 월 MONTH	배 AREA	이 NG	나 HOURS	개 TOTAL	와 YFT	다 ALB	다 BET	다 SKJ	와 SWO	다 BUM	다 STM	다 SAI	사 SHARKS	이 OTB	기 OTHERS
9	6320160	140640	3431	734	2188	320	15	3	20	3	0	0	10	51	87
	6320165	31180	647	172	354	80	17	0	9	0	0	0	1	0	14
	6320175	31460	1024	170	774	69	1	0	2	0	0	0	0	0	8
	6325130	67395	1633	29	1537	14	0	5	2	1	0	0	8	0	37
	6325135	44345	1042	7	994	0	0	10	4	0	1	0	2	0	22
	6325145	5850	81	2	76	0	0	2	1	0	0	0	0	0	0
	6325150	157467	7614	314	6970	189	2	3	1	2	0	0	12	66	55
	6325155	81595	1665	182	1366	52	8	4	3	1	0	0	5	10	34
	6325160	62750	1193	87	1022	23	9	5	12	1	0	0	2	6	24
	6325170	21920	681	16	645	7	3	1	2	0	0	0	1	0	6
	6325175	16500	667	71	505	63	15	0	7	0	0	0	0	0	6
	6330140	16360	526	0	508	0	0	5	2	0	0	0	1	0	10
	6330145	2925	23	3	20	0	0	0	0	0	0	0	0	0	0
	6330155	5550	81	1	80	0	0	0	0	0	0	0	0	0	0
	6330170	10240	438	1	426	5	0	0	3	0	0	0	0	0	3
	6335130	2925	77	1	73	0	0	0	0	0	0	0	1	0	2
	6400150	13845	177	45	0	131	0	0	1	0	0	0	0	0	0
	6400155	45435	1541	1097	0	407	0	3	11	0	0	0	0	3	20
	6400160	3315	70	37	0	28	0	0	3	0	0	0	0	0	2
	6400165	15743	79	37	0	37	0	0	2	0	0	0	0	0	3

월	해	기	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
MONTH	YEAR	QTR															
8			6400170	6305		54	40	0	11	2	0	1	0	0	0	0	0
			6400175	25340		299	229	0	57	0	1	1	0	0	0	0	11
			6405155	6240		438	411	0	22	0	0	2	0	0	0	0	3
			6405160	9945		306	303	0	47	0	0	7	0	0	0	0	9
			6415110	7200		54	0	0	0	0	0	0	2	0	10	0	42
			6420105	70406		1485	1	0	0	0	17	1	11	39	134	0	1202
			6420110	29720		111	1	0	0	0	4	0	19	0	16	0	71
			6420165	2400		144	0	0	0	0	1	0	0	3	16	0	124
			TOTAL	5574422		120519	61392	35238	18341	445	312	649	55	48	274	280	3285

월 MONTH	해 AREA	영 NG	기 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SJO	BUM	STM	SAI	SHARKS	OTB	OTHERS
9	6100160	6225	63	64	0	9	0	0	0	6	0	0	0	0	4
	6100165	60210	741	656	2	73	0	0	0	7	0	0	0	0	3
	6100170	39155	471	362	2	32	0	0	1	9	0	0	1	0	64
	6100175	20774	209	165	0	28	0	0	0	11	0	0	0	3	2
	6105155	6890	30	14	0	10	0	0	0	4	0	0	0	1	1
	6105165	9828	115	100	0	13	0	0	0	1	0	0	0	0	1
	6110155	6175	23	5	0	13	0	0	0	4	0	0	0	0	1
	6110170	2100	9	1	8	0	0	0	0	0	0	0	0	0	0
	6115145	6500	47	22	10	1	0	0	0	13	0	0	0	0	1
	6200160	28140	456	395	0	48	0	0	0	3	0	0	0	0	9
	6200165	97309	1571	1144	12	315	0	0	3	43	0	0	1	2	51
	6200170	9594	63	38	0	20	0	0	1	2	0	0	0	1	1
	6200175	73834	994	762	22	158	0	0	5	28	0	1	0	5	13
	6205165	140437	2871	1130	1300	369	0	0	0	51	0	0	2	0	13
	6205170	109332	2763	933	1479	275	0	0	2	45	0	1	1	2	25
	6205175	56760	1054	227	522	236	8	0	0	23	1	0	1	0	36
	6210165	2800	35	24	6	5	0	0	0	0	0	0	0	0	0
	6210170	97528	1900	836	839	166	2	2	2	24	0	1	2	4	24
	6210175	28490	479	93	319	24	0	0	0	11	0	2	4	0	26
	6215170	2200	12	0	10	0	0	0	0	1	0	0	0	0	1

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
9	6215175	5180	98	14	69	7	0	0	0	0	0	2	6	6
	6220160	8600	322	62	234	6	0	0	0	0	0	2	13	5
	6220165	9570	220	46	143	7	0	0	0	0	0	2	16	6
	6220175	52555	1549	380	1062	51	17	2	15	0	0	1	1	20
	6225160	9100	299	53	224	10	0	0	0	0	0	2	7	3
	6225170	39780	1218	294	844	41	0	6	7	0	0	0	0	26
	6225175	66473	1809	424	1103	50	33	24	21	1	0	1	1	61
	6300145	11294	96	33	2	53	0	0	4	0	0	0	0	4
	6300150	207154	2756	1251	223	1114	14	7	35	1	0	4	2	105
	6300155	557561	7280	3271	485	3101	73	21	122	2	2	8	15	180
	6300160	239048	2979	1321	222	1175	67	7	56	1	0	4	7	117
	6300165	152111	1426	722	201	390	2	5	78	0	0	1	5	22
	6300170	207966	3483	2004	528	855	0	6	27	1	0	1	10	51
	6300175	229400	3044	2290	101	540	0	9	43	0	1	2	17	41
	6305135	5283	43	10	2	27	0	0	1	0	0	0	0	3
	6305140	2700	31	1	10	20	0	0	0	0	0	0	0	0
	6305145	10294	100	26	29	35	0	0	0	0	0	1	0	9
	6305150	168795	2292	766	599	814	13	6	26	1	1	4	3	59
	6305155	218085	2729	1042	603	1011	23	2	41	0	1	3	3	0
	6305160	309566	4500	1570	1053	1714	77	6	71	1	0	7	1	0

월 MONTH	매 AREA	이 NO	나 HOOKS	시 TOTAL	수 YFT	개 ALB	와 YFT	다 BET	래 SKJ	이 SWO	가 BUM	다 STM	래 SAI	이 SHARKS	기 OTB	타 OTHERS
9	6305165	267741	4315	1881	1181	1168	26	3	48	1	1	4	2	0	0	0
	6305170	434146	7291	3557	2006	1564	46	12	91	2	1	11	1	0	0	0
	6305175	162406	4760	2210	1309	1170	35	3	25	0	0	1	7	0	0	0
	6310130	2211	22	3	13	5	0	0	0	0	0	1	0	0	0	0
	6310145	16500	376	137	99	132	0	2	5	0	0	1	0	0	0	0
	6310150	52204	864	192	411	254	3	2	13	0	0	2	1	0	0	0
	6310155	33896	627	201	178	230	12	1	2	0	0	2	1	0	0	0
	6310160	4800	45	21	11	12	0	0	1	0	0	0	0	0	0	0
	6310165	69960	908	104	728	99	15	1	16	0	0	5	0	0	0	0
	6310170	22085	368	242	74	50	0	0	0	0	0	2	0	0	0	0
	6310175	18680	216	84	107	20	0	1	2	0	1	1	0	0	0	0
	6315130	2211	62	7	35	14	0	0	5	0	0	1	0	0	0	0
	6315165	2100	19	6	9	1	0	0	2	0	0	0	0	0	1	1
	6315175	5442	124	17	91	4	0	0	6	0	0	1	0	0	5	5
	6320160	82900	1679	413	955	196	23	0	6	2	1	1	0	0	82	82
	6320165	17762	372	23	204	10	0	0	0	1	1	2	0	0	41	41
	6320170	18686	291	25	193	24	0	4	0	0	1	8	0	0	36	36
	6320175	7402	119	33	79	2	1	0	0	0	0	0	1	0	3	3
	6325160	4900	137	17	107	0	3	0	0	0	0	0	0	0	6	6
	6325170	7440	200	55	125	7	10	0	1	0	0	1	0	0	1	1

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
9	6325175	24480	556	77	423	18	23	2	5	0	0	1	0	7
	6400150	2860	22	15	0	6	0	0	0	0	0	0	0	1
	6400155	16590	374	278	1	82	0	0	8	0	0	1	0	4
	6400160	56277	793	526	0	233	5	2	12	0	0	2	0	13
	6400165	37331	560	460	0	72	0	0	22	0	0	0	0	6
	6400170	25341	488	401	1	76	0	1	4	0	0	1	0	4
	6405155	12675	153	49	0	77	0	1	20	0	0	0	0	6
	6405160	9945	89	51	0	27	0	0	6	0	0	0	0	5
	6410090	12050	794	1	0	0	0	3	0	1	38	114	0	637
	6415110	8136	164	3	0	0	0	0	0	4	0	11	0	146
	6420105	5472	94	0	0	0	0	0	0	2	0	4	0	88
	6420110	79442	1761	12	0	0	0	5	2	38	5	118	1	1580
TOTAL		4649137	78923	33658	20794	18369	531	158	1137	60	59	353	138	3666

MONTH	AREA	NO HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
10	6100160	3300	33	32	1	0	0	0	0	0	0	0	0	0
	6100165	16915	173	142	1	21	0	0	5	0	1	1	0	2
	6100170	46860	473	374	0	55	14	3	8	0	4	6	2	7
	6100175	159913	2187	1617	3	309	139	6	10	1	18	3	51	25
	6105170	8415	37	24	0	6	1	1	3	0	0	0	0	2
	6105175	2925	8	6	0	1	0	0	1	0	0	0	0	0
	6125175	2400	17	8	6	3	0	0	0	0	0	0	0	0
	6200160	25665	291	257	0	19	0	0	4	0	0	0	0	1
	6200165	49080	1089	440	142	432	62	7	1	0	4	0	1	0
	6200170	19150	197	133	0	35	20	1	2	0	5	0	0	1
	6200175	92188	1105	852	6	182	23	6	20	0	2	3	1	10
	6205160	30319	464	191	171	87	0	0	8	0	0	0	0	7
	6205165	81922	2020	836	571	589	0	5	8	0	5	1	0	5
	6205170	123966	2154	722	799	601	0	9	11	1	6	0	0	5
	6205175	7920	69	19	32	18	0	0	0	0	0	0	0	0
	6210170	89082	1561	603	656	242	0	2	13	0	12	16	5	12
	6210175	36960	468	115	253	88	1	0	5	0	1	2	0	3
	6215175	4638	98	37	48	11	0	0	1	0	0	1	0	0
	6220170	19908	430	89	288	22	10	4	8	0	1	4	0	4
	6220175	47138	1027	182	755	35	15	3	17	0	5	5	0	10

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	OTHERS
10	6225170	25440		621	104	468	14	15	3	10	0	1	1	0	5
	6225175	9290		156	31	115	4	2	0	2	0	1	0	0	1
	6300135	6240		23	0	0	22	0	1	0	0	0	0	0	0
	6300140	20820		147	37	4	96	0	4	4	0	0	0	0	2
	6300145	6545		60	47	2	11	0	0	0	0	0	0	0	0
	6300150	114941		1175	350	6	761	0	3	10	1	2	16	1	25
	6300155	166759		1783	1137	109	474	4	2	18	0	19	5	0	15
	6300160	299107		3566	1755	92	1524	31	28	46	1	4	8	8	67
	6300165	152777		1251	694	29	449	21	4	29	0	2	0	5	18
	6300170	115203		1464	1116	0	299	0	10	11	1	2	3	6	16
	6300175	78837		718	521	6	161	0	0	8	0	1	1	0	20
	6305130	18720		236	58	63	110	0	1	3	0	0	0	0	1
	6305135	3120		37	26	0	11	0	0	0	0	0	0	0	0
	6305145	61503		664	269	222	171	2	3	9	1	0	1	1	5
	6305150	63353		1040	360	224	427	3	4	5	0	0	3	10	4
	6305155	81095		1474	328	421	678	18	9	4	1	10	2	0	3
	6305160	124129		1620	499	419	635	20	4	11	1	6	7	10	8
	6305165	233224		2378	1275	267	738	9	5	40	1	4	8	8	25
	6305170	210773		2781	1174	912	582	23	9	38	1	8	8	2	24
	6305175	55820		628	267	162	172	0	2	11	0	1	1	4	8

월 MCNTH	해 AREA	이 NO.	나 HOOKS	시 TOTAL	수 YFT	가 ALB	와 BET	다 SKJ	래 SWO	이 BUN	새 STM	지 SAI	새 SHARKS	이 OTE	기 OTHERS
10	6310125	101767	1396	68	563	709	4	24	9	0	0	0	8	3	8
	6310130	149030	2954	183	1799	881	16	21	16	1	4	15	2	16	
	6310135	2365	58	5	40	11	0	0	1	0	0	1	0	0	
	6310145	23472	536	78	275	152	12	0	4	0	1	5	0	9	
	6310150	5010	105	35	59	3	0	0	0	0	0	1	2	0	
	6310155	5220	60	8	40	11	0	1	0	0	0	0	0	0	
	6310160	22035	250	12	193	34	2	1	1	0	0	1	3	3	
	6310165	72035	847	176	504	107	8	5	0	1	2	9	14	15	
	6310170	44270	536	142	304	82	0	0	4	0	2	1	0	1	
	6310175	77195	1723	532	820	319	0	5	7	1	18	12	1	8	
	6315115	4642	64	1	46	11	0	0	1	0	0	3	0	2	
	6315120	61946	1612	93	1143	251	0	3	47	2	6	32	0	35	
	6315125	46925	1234	64	880	205	0	5	13	1	12	25	0	29	
	6315130	115840	2370	69	1951	144	5	10	60	2	44	42	0	43	
	6315165	17500	190	34	122	13	3	0	3	0	1	5	0	9	
	6315170	10100	134	23	101	6	0	0	1	0	1	1	0	1	
	6315175	197261	3810	742	2507	254	23	10	58	2	53	37	5	119	
	6320120	2321	37	2	21	4	0	0	4	0	0	3	0	3	
	6320125	63632	2049	66	1697	155	6	5	41	1	15	28	0	33	
	6320130	64925	1682	37	1306	178	2	6	79	0	0	27	1	46	

월 MONTH	매 AREA	여 NO	나 HOOKS	개 TOTAL	완 YFT	나 ALB	완 BET	가 SKJ	완 SWO	나 BUM	자 STM	도 SAI	사 SHARKS	여 OTB	기 OTHERS
10	6320160	2080	19	4	13	0	0	0	1	0	0	0	0	0	1
	6320170	45000	943	114	591	96	8	14	0	18	55	19	78		
	6320175	37440	705	107	459	57	0	15	13	1	0	3	9	41	
	6325135	39410	620	46	539	20	0	3	7	2	0	0	0	3	
	6325140	5590	75	7	63	2	0	1	1	0	0	0	0	1	
	6325155	7540	78	10	53	6	0	2	4	0	0	2	0	0	1
	6325170	46050	1070	144	664	85	8	13	0	24	32	29	71		
	6325175	6070	76	7	50	6	3	0	1	0	1	0	0	7	
	6400150	66512	611	196	0	344	3	9	6	0	2	29	0	22	
	6400155	36162	260	145	0	90	0	11	2	0	0	5	0	7	
	6400160	139779	1430	942	0	387	8	7	34	0	12	1	34		
	6400165	229673	2827	2081	0	574	17	78	13	1	0	12	46		
	6400170	70400	692	408	0	246	0	2	17	1	2	3	10		
	6400175	116908	1172	906	1	186	4	27	2	1	2	4	34		
	6405150	8844	133	62	0	46	0	4	0	0	13	0	8		
	6405155	5760	72	37	0	28	0	5	0	0	0	0	0	0	
	6405165	2988	29	12	0	2	1	4	0	0	6	0	4		
	6405170	2968	19	1	0	0	0	0	0	1	12	0	5		
	6420105	42550	206	23	0	0	0	15	3	42	15	60	0	48	
	6420110	115384	435	77	0	0	0	41	1	103	102	40	1	70	

MONTH	AREA	NG	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUH	STM	SAI	SHARKS	OTB	OTHERS
10	6430160	6800		112	3	106	1	0	1	0	0	0	1	0	0
	6430165	15935		215	3	197	8	0	2	1	1	0	1	1	1
	6435165	10667		260	3	235	4	0	0	0	0	0	2	6	4
	6435170	5904		180	6	166	0	0	0	4	0	0	1	1	2
	TOTAL	4670435		69669	24443	24761	15818	565	347	1005	173	396	714	226	1221

월 MONTH	매 AREA	이 NO	나 HOOKS	시 TOTAL	수 YFT	나 ALB	가 YFT	다 BET	래 SKJ	이 SWO	노 BUM	새 STM	이 SAI	어 SHARKS	기 OTB	타 OTHERS
11	6100145	15530	212	153	1	45	5	1	0	0	0	0	0	0	0	7
	6100150	36262	529	437	0	50	14	0	0	1	0	0	1	0	5	22
	6100155	49540	334	242	1	60	18	0	1	0	0	0	0	1	0	11
	6100160	28094	195	144	1	29	10	0	0	0	0	0	0	0	6	5
	6100165	42971	425	226	1	87	103	0	0	0	0	0	0	2	2	4
	6100170	13795	117	94	0	22	0	0	0	0	0	0	0	0	0	11
	6100175	35695	268	148	0	59	0	0	0	0	0	0	0	0	0	1
	6105160	6240	29	10	0	19	0	0	0	0	0	0	0	0	0	0
	6105165	2950	11	8	0	3	0	0	0	0	0	0	0	0	0	0
	6105170	3120	4	3	0	0	0	0	0	0	0	0	0	0	0	1
	6105175	6045	17	0	0	15	1	0	0	0	0	0	0	0	0	1
	6110140	3315	21	14	7	0	0	0	0	0	0	0	0	0	0	0
	6110150	2925	14	9	2	3	0	0	0	0	0	0	0	0	0	0
	6200155	2950	121	120	0	1	0	0	0	0	0	0	0	0	0	0
	6200160	28373	262	200	0	50	0	0	0	0	0	0	1	0	0	11
	6200165	4047	37	29	0	7	0	0	0	0	0	0	0	0	0	1
	6200170	2448	10	9	0	1	0	0	0	0	0	0	0	0	0	0
	6200175	13078	143	110	2	24	0	0	0	0	1	0	0	0	0	6
	6205160	22592	232	188	6	34	0	0	0	0	1	0	0	0	0	3
	6205165	4800	65	26	34	4	0	0	0	0	0	0	0	0	0	1

월 MONTH	해 AREA	이 NO	나 HOOKS	시 TOTAL	4 YFT	개 ALB	코 BET	다 SKJ	라 SWO	해 BUM	새 STM	지 SAI	사 SHARKS	어 OTB	기 OTHER
11	6205170	111130	1651	753	638	221	0	5	3	0	1	0	0	0	30
	6205175	19600	231	89	64	68	0	0	0	0	1	0	0	0	9
	6210165	4303	45	29	7	4	0	0	0	0	0	0	0	0	5
	6210170	21302	205	88	94	22	0	0	0	0	0	0	0	0	1
	6210175	29670	259	100	112	44	0	0	1	0	0	0	0	0	2
	6215170	23260	248	78	161	2	0	1	0	0	0	0	0	1	5
	6215175	45524	714	230	449	21	0	0	0	0	0	0	0	0	14
	6220175	103435	2134	781	1104	85	15	0	2	0	1	17	41	88	
	6225175	65850	1892	740	692	80	40	0	3	0	1	56	99	181	
	6300140	50747	484	122	0	340	6	0	1	0	0	1	3	11	
	6300145	146331	1742	562	1	1041	22	4	2	0	0	21	3	86	
	6300150	118132	1007	449	5	503	2	1	1	0	0	2	2	42	
	6300155	161858	1435	801	5	595	1	2	1	0	0	2	2	26	
	6300160	142160	1629	800	23	752	18	1	1	0	0	2	2	30	
	6300165	35628	369	188	6	149	33	0	1	0	0	2	0	10	
	6300175	18812	155	106	14	33	0	0	1	0	0	0	0	1	
	6305110	2820	5	0	0	3	0	0	0	0	0	0	0	2	
	6305115	5400	50	19	0	30	0	0	0	0	0	0	0	1	
	6305120	2880	16	8	0	8	0	0	0	0	0	0	0	0	
	6305125	28873	191	60	7	123	0	0	0	0	0	0	0	1	

월 MONTH	해 AREA	이 NC	나 HOOKS	시 TOTAL	수 YFT	알 ALB	부 BET	가 SKJ	과 SWO	노 BUM	서 STM	도 SAI	사 SHARKS	어 OTB	기 OTHERS
11	6305130	17099	142	36	10	95	0	0	0	0	0	0	0	1	0
	6305135	18595	135	78	1	55	0	0	0	0	0	0	0	0	1
	6305140	2500	12	2	0	10	0	0	0	0	0	0	0	0	0
	6305145	30966	623	279	190	120	21	1	0	0	0	0	3	0	9
	6305150	19800	330	154	114	43	12	0	0	0	0	0	1	2	4
	6305155	64600	1032	535	159	322	0	1	0	0	0	1	0	0	14
	6305160	46334	716	327	232	142	0	0	1	0	0	0	2	2	10
	6305165	113830	1719	812	342	534	0	2	2	0	0	0	1	7	19
	6305170	141479	1310	550	340	381	9	1	3	0	0	1	1	3	21
	6305175	73064	611	263	140	175	6	1	2	0	0	1	1	3	19
	6310110	5640	33	11	1	17	0	0	0	0	0	0	0	2	2
	6310115	2860	14	4	4	5	0	0	0	0	0	0	0	1	0
	6310120	23523	255	40	40	166	0	2	0	0	0	0	0	0	7
	6310125	146203	1300	205	169	888	0	6	1	0	0	0	1	3	27
	6310130	165766	2034	391	333	1282	0	4	1	0	0	0	1	2	20
	6310155	13902	264	162	64	25	0	0	0	0	0	1	0	0	12
	6310160	16737	120	69	80	10	3	1	0	0	0	0	2	0	15
	6310170	29400	289	106	95	70	2	1	0	0	0	0	0	3	12
	6310175	30120	270	139	86	30	5	0	1	0	0	0	1	0	6
	6315115	69707	2116	594	1291	179	0	0	0	4	0	0	12	0	36

월 MONTH	해 AREA	영 NO	시수 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTE	기타 OTHERS
11	6315120	87388	2273	627	1362	193	8	1	4	0	0	1	12	0	65
	6315125	227520	5877	1700	3729	267	30	4	7	0	0	0	23	0	117
	6315130	98167	2239	656	1385	105	1	2	3	0	0	1	11	20	55
	6315135	2500	41	11	27	1	0	0	0	0	0	0	0	0	2
	6315150	2700	36	12	22	0	0	0	0	0	0	0	0	0	2
	6315165	36300	702	264	329	81	15	1	1	0	0	0	2	0	9
	6315170	21608	283	120	127	23	0	1	0	0	0	0	2	0	10
	6315175	35094	412	145	193	52	0	0	1	0	0	1	1	0	10
	6320115	102123	2933	772	1689	289	0	1	6	0	0	1	18	0	157
	6320120	223950	6799	1892	4092	557	16	2	10	0	0	4	24	1	201
	6320125	287426	7938	2216	4804	587	19	6	7	0	0	2	35	48	214
	6320130	221606	5661	1667	3570	286	6	4	10	0	0	0	23	23	72
	6320135	2805	56	18	37	0	0	0	0	0	0	0	0	0	1
	6320145	2868	18	3	0	5	0	0	0	0	0	0	2	0	8
	6320160	7800	109	42	50	11	0	0	0	0	0	0	1	0	5
	6320165	7200	69	21	31	5	4	0	1	0	0	0	0	0	7
	6320170	99769	2070	689	1030	87	0	31	8	0	0	1	11	0	213
	6320175	74170	1516	471	923	49	0	1	3	0	0	0	4	3	62
	6325125	2600	85	24	50	9	0	0	0	0	0	0	1	0	1
	6325175	18000	540	196	209	36	15	0	3	0	0	1	19	0	61

월 MONTH	해역 AREA	낚시수 NO	가 TOTAL	낚시 YFT	가 ALB	낚시 BET	가 SKJ	낚시 SWO	가 BUM	낚시 STM	가 SAI	낚시 SHARKS	가 OTB	낚시 OTHERS
11	6400095	16980	267	2	0	254	0	0	0	0	0	0	5	6
	6400100	16560	139	4	0	126	0	0	0	0	0	0	4	5
	6400105	8724	51	1	0	48	0	0	0	0	0	0	0	2
	6400140	6216	85	47	0	8	1	0	0	0	0	9	0	20
	6400145	40545	396	203	0	109	7	0	0	0	0	20	2	55
	6400150	36006	279	118	0	150	1	0	1	0	0	2	0	7
	6400155	202389	2737	1392	0	1256	16	3	3	0	0	15	2	50
	6400160	210376	3322	2442	0	607	224	2	4	0	0	5	7	31
	6400165	55765	465	345	0	111	0	0	1	0	0	1	1	6
	6400170	73565	752	474	0	263	1	1	2	0	0	1	1	9
	6400175	22140	149	70	0	79	0	0	0	0	0	0	0	0
	6405155	31475	642	321	0	150	167	0	0	0	0	1	0	3
	6405160	32787	521	294	0	149	65	1	0	0	0	2	2	8
	6405165	40062	248	166	0	74	3	0	1	0	0	0	0	4
	6405175	3250	13	10	0	3	0	0	0	0	0	0	0	0
	6410160	12198	39	11	0	28	0	0	0	0	0	0	0	0
	6415150	5200	26	6	0	0	0	1	0	0	0	2	0	17
	6420105	41400	120	6	0	0	0	2	0	0	1	25	0	86
	6420110	80912	2299	734	1445	61	0	2	0	0	0	1	4	52
	6430150	32020	684	195	441	34	0	1	0	0	0	0	0	13

월 MONTH	해 AREA	영 NO	시 HOOKS	개 TOTAL	와 YFT	다 ALB	래 BET	이 SKJ	와 SWO	다 BUM	래 STM	이 SAI	와 SHARKS	다 OTB	래 OTHERS
11	6430155	117040		4107	1236	2731	47	5	2	1	0	0	9	29	47
	6430160	5040		192	56	131	3	0	0	0	0	0	0	0	2
	6430165	3000		89	26	59	1	0	1	0	0	0	0	0	2
	6430170	11460		168	48	102	13	1	0	0	0	0	0	2	2
	6430175	11694		641	190	444	4	0	0	0	0	0	0	0	3
	6435160	2925		20	14	3	2	0	0	0	0	0	0	0	1
TOTAL		5176193		88961	32887	36145	15409	951	105	112	0	23	414	349	2566

월 # MONTH	해역 AREA	어선 NO	낚시수 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWD	BUM	STM	SAI	SHARKS	OTB	OTHERS
12	6100150	2484	16	11	0	4	0	0	0	1	0	0	0	0	0
	6100155	2628	11	4	0	7	0	0	0	0	0	0	0	0	0
	6100160	2628	13	7	1	2	0	0	0	1	0	1	0	1	0
	6105150	2124	7	5	0	1	0	0	0	0	0	0	0	0	1
	6110145	2124	8	4	1	0	0	0	0	2	0	0	0	1	0
	6115140	5218	32	29	0	0	0	0	0	2	0	0	0	1	0
	6120140	2612	18	16	0	1	0	0	0	1	0	0	0	0	0
	6125155	5655	92	25	60	6	0	0	0	1	0	0	0	0	0
	6125160	2925	34	9	20	3	0	0	1	0	0	0	0	0	1
	6125165	2795	16	4	9	2	0	0	0	0	0	0	0	0	1
	6130160	2040	8	2	4	1	0	0	0	0	0	0	1	0	0
	6130170	2340	28	7	10	10	0	0	0	0	0	0	1	0	0
	6130175	1380	5	0	1	2	0	0	0	0	0	0	0	0	2
	6200170	9990	65	56	1	2	0	0	1	1	0	0	0	1	3
	6200175	75278	769	559	2	154	8	2	2	15	1	0	0	10	18
	6205175	26496	1112	709	246	130	0	6	6	0	0	8	0	6	7
	6210170	31996	489	207	196	43	6	2	2	8	0	8	0	6	8
	6210175	55748	1275	638	425	182	0	10	10	1	1	2	1	5	10
	6215165	17150	727	266	375	186	0	0	0	0	0	0	0	0	0
	6215170	18780	229	117	85	11	3	1	1	0	0	2	0	2	8

MONTH	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
12	6215175	9188	121	59	46	8	4	1	0	0	0	1	0	0	2
	6220165	19200	985	451	447	87	0	0	0	0	0	0	0	0	0
	6220170	33440	1236	652	426	112	0	0	0	30	0	0	0	8	8
	6220175	7040	75	30	27	11	0	3	2	0	0	1	0	1	0
	6300105	3315	7	0	0	5	0	0	0	0	0	0	1	0	1
	6300125	10101	61	24	0	32	0	0	2	0	0	0	1	1	1
	6300130	8840	49	19	0	28	0	0	1	0	0	0	0	0	1
	6300135	53710	360	97	0	239	0	1	14	0	0	0	0	4	5
	6300140	77049	784	322	1	410	0	3	18	0	0	1	4	5	20
	6300145	54197	292	104	1	156	2	0	10	0	0	1	5	3	10
	6300150	67237	564	277	38	183	9	1	11	1	1	4	10	6	24
	6300155	61149	633	324	6	240	3	2	18	1	1	6	1	10	22
	6300160	62078	1257	441	12	421	31	4	22	0	3	141	13	169	
	6300165	2304	11	0	0	6	0	1	2	0	0	1	0	0	1
	6300170	23970	334	249	16	41	2	3	14	0	1	0	5	3	
	6300175	27196	189	103	6	54	2	2	10	0	1	0	5	6	
	6305105	18730	152	53	0	83	0	0	9	0	0	0	2	3	
	6305110	5460	29	8	0	18	0	0	2	0	0	0	0	1	
	6305115	2529	9	1	1	4	1	1	0	0	0	0	1	0	
	6305120	18683	153	66	33	47	0	1	3	0	0	0	2	1	

월 MONTH	매 AREA	어 NO	나 HOOKS	기 TOTAL	와 YFT	다 ALB	래 BET	이 SKJ	가 SWO	다 BUM	래 STM	이 SAI	사 SHARKS	어 OTB	기 OTHERS
12	6305125	6900	43	17	0	20	0	1	2	0	0	0	0	0	3
	6305130	97097	924	364	19	494	0	6	13	1	0	0	4	7	16
	6305135	28743	340	173	6	147	2	1	6	0	0	0	0	2	3
	6305140	64804	713	254	27	390	0	0	19	0	1	1	2	6	14
	6305145	78491	612	260	42	271	9	1	6	0	0	0	4	2	17
	6305150	38503	477	139	57	172	11	2	12	0	0	0	37	4	43
	6305155	18045	303	137	89	56	7	1	9	0	0	0	1	2	1
	6305160	2822	68	5	2	18	4	0	2	0	0	0	18	1	18
	6305170	5100	67	42	8	15	0	1	1	0	0	0	0	0	0
	6305175	10130	31	3	0	16	0	0	0	0	0	0	0	4	8
	6310105	2880	12	2	0	6	0	0	0	0	0	0	0	2	2
	6310110	2550	33	5	10	5	0	1	0	0	0	0	0	0	12
	6310115	39650	336	51	43	200	0	9	1	1	1	0	0	13	17
	6310120	67080	766	163	196	359	2	13	10	1	0	0	3	8	11
	6310125	132550	1426	344	426	560	5	15	24	1	1	1	7	19	24
	6310130	73138	1241	283	513	354	16	5	16	1	1	1	6	6	40
	6310140	4760	84	16	28	30	0	1	2	0	1	1	0	2	4
	6310145	17005	187	45	70	50	5	0	10	0	1	1	1	2	3
	6310150	2160	13	4	6	1	0	0	2	0	0	0	0	0	0
	6310155	2600	32	9	14	1	4	0	2	0	0	0	0	0	2

월 MONTH	해역 AREA	어선 NO	나시수 HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	기타 OTHERS
12	6310160	21115	328	96	175	11	6	4	2	0	0	4	10	6	14
	6310165	5460	49	16	25	4	0	1	0	0	0	0	0	0	3
	6310175	47992	765	482	207	60	0	0	0	0	0	3	0	1	12
	6315110	65100	1437	386	872	69	0	4	45	0	0	0	16	12	83
	6315115	93868	2859	763	1688	90	5	13	44	1	1	1	21	17	216
	6315120	234936	5795	1592	3487	269	37	7	126	1	1	36	30	69	139
	6315125	279862	6323	1763	3793	381	14	18	82	5	5	28	32	45	162
	6315130	413220	9078	2608	5380	481	17	34	246	4	4	22	37	106	141
	6315135	17400	310	86	175	18	6	1	10	0	0	3	0	5	6
	6315150	5400	44	12	27	0	0	1	2	0	0	0	0	2	0
	6315155	60449	897	247	483	38	0	7	59	2	2	8	1	21	31
	6315160	120440	2041	564	1154	74	47	18	40	3	3	15	12	34	80
	6315165	38045	426	123	255	13	0	10	3	1	1	2	0	6	13
	6315170	68896	1141	444	606	43	0	8	15	0	0	1	2	11	11
	6315175	57351	767	241	431	40	2	5	17	1	1	0	1	6	23
	6320110	3200	55	15	31	4	0	0	2	0	0	0	1	1	1
	6320115	70230	1538	417	868	82	0	0	44	0	0	7	8	14	98
	6320120	124668	2698	720	1552	238	2	1	51	1	1	21	14	25	73
	6320125	298060	5878	1690	3534	345	3	18	137	2	2	13	35	64	37
	6320130	177149	3936	1150	2331	166	1	20	116	1	1	3	18	52	78

월 MONTH	배 AREA	이 NO	기 HOOKS	총 TOTAL	가 YFT	나 ALB	가 BET	가 SKJ	과 SWO	과 BUM	과 STM	과 SAI	과 SHARKS	과 OTB	기 OTHERS
12	6320135	2925	48	10	21	12	0	0	0	0	0	0	1	3	1
	6320145	41700	982	262	547	81	6	1	45	1	8	0	0	15	16
	6320150	11600	260	70	142	24	3	2	4	0	4	0	0	4	7
	6320165	4686	43	14	27	0	0	1	1	0	0	0	0	0	0
	6320170	94673	1803	579	902	64	10	25	105	0	6	16	43	53	53
	6320175	72837	1476	540	678	67	0	25	74	0	3	24	30	35	35
	6400080	2600	3	0	0	2	0	0	1	0	0	0	0	0	0
	6400095	13462	98	12	0	64	7	0	2	0	0	4	1	8	8
	6400100	60103	680	7	0	619	0	0	3	1	0	4	6	40	40
	6400135	19980	214	66	0	138	2	1	2	0	0	1	2	2	2
	6400145	5850	26	22	0	1	0	0	1	0	0	1	0	1	1
	6400150	26704	199	96	0	67	3	1	4	1	1	6	2	18	18
	6400155	67608	608	347	0	138	55	1	6	1	0	16	2	42	42
	6400160	112050	1294	853	0	307	33	1	22	1	1	7	6	63	63
	6400165	191545	2615	1414	1	918	47	10	48	1	9	7	24	136	136
	6400170	134143	1575	824	99	532	26	7	44	1	4	4	18	16	16
	6400175	12935	257	121	0	116	0	0	0	0	0	0	3	17	17
	6405160	5640	13	4	0	5	0	0	2	0	0	0	0	2	2
	6405165	9130	72	46	0	26	0	0	0	0	1	0	2	3	3
	6405170	15130	157	40	0	101	0	1	6	0	0	0	3	6	6

월	매	구	AREA	NO	HOOKS	TOTAL	YFT	ALB	BET	SKJ	SWO	BUM	STM	SAI	SHARKS	OTB	OTHERS
MONTH																	
12	6410160	5760	21	0	0	16	0	0	16	0	0	2	0	0	0	2	1
	6415160	2880	15	0	0	11	0	0	11	0	0	2	0	0	0	2	0
	6420105	32500	680	9	0	0	0	0	0	0	27	0	21	19	87	20	497
	6420110	102420	2130	32	0	0	0	0	0	0	246	1	66	1	187	106	1491
	6425145	6110	50	13	28	3	0	0	3	0	0	5	0	0	0	1	0
	6425155	2300	50	14	28	4	0	0	4	0	0	0	0	0	0	0	4
	6425160	11005	152	41	81	15	0	0	15	0	0	0	0	0	0	0	15
	6425165	15953	376	106	228	31	0	0	31	0	0	0	0	0	3	0	8
	6425170	2730	88	25	58	4	0	0	4	0	0	0	0	0	1	0	0
	6430135	32740	2405	706	1595	59	1	0	59	1	0	0	1	0	3	0	40
	6430140	16440	806	240	543	16	0	0	16	0	0	0	0	0	0	0	7
	6430145	164940	3976	1164	2515	126	2	5	126	2	5	10	4	1	13	6	130
	6430150	122996	2944	833	1841	86	0	12	86	0	12	4	4	0	5	9	150
	6430155	91642	3729	1102	2441	88	0	0	88	0	0	13	2	1	11	13	58
	6430160	121411	3208	923	2044	133	0	15	133	0	15	3	3	0	4	13	70
	6430165	16779	459	129	295	22	0	1	22	0	1	0	0	0	1	1	10
	6430170	5001	213	61	134	6	0	1	6	0	1	1	0	0	1	1	8
	6430175	2340	30	12	16	1	0	0	1	0	0	1	0	0	0	0	0
	6435160	2700	56	16	36	1	0	0	1	0	0	0	0	0	0	0	3
TOTAL	5399924	100189	32433		45426	12332	471	656	1795	139	273	896	1014	4754			

VII. 大洋別 魚種別 漁場 分布圖

Geographical distribution
of CPUE and fishing effort
by species

大 西 洋

Atlantic Ocean

1. 全魚種의 分期別 月別 單位努力當 漁獲量 및 努力量 分布圖

Distribution of CPUE and fishing effort of
all species by month and by quarter

2. 魚種別 分期別 月別 單位努力當 漁獲量 및 努力量 分布圖
날개다랭이, 황다랭이, 눈다랭이

Distribution of CPUE and fishing effort
by species, month and by quarter

Albacore, Yellowfin, Bigeye

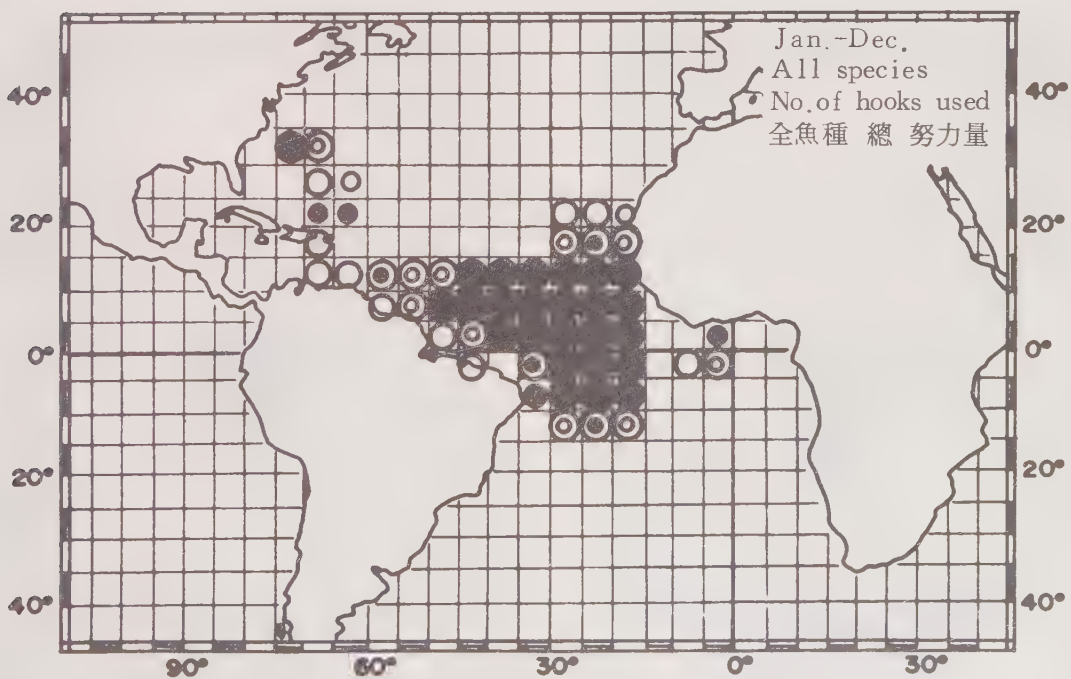
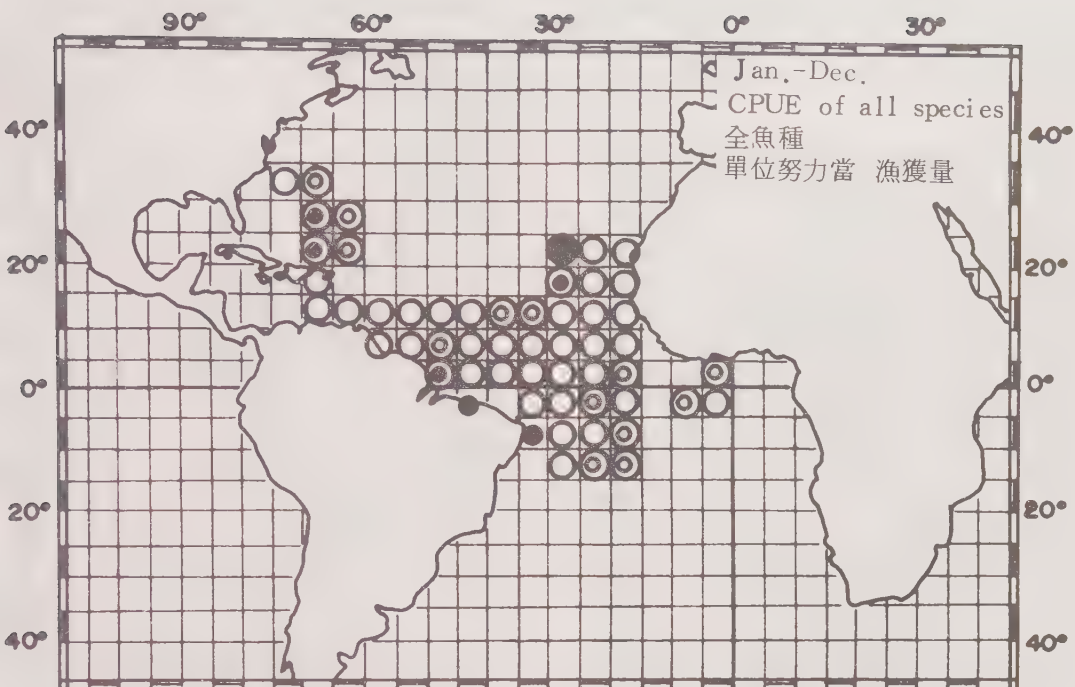
(CPUE: Number of fish per 100 hooks)

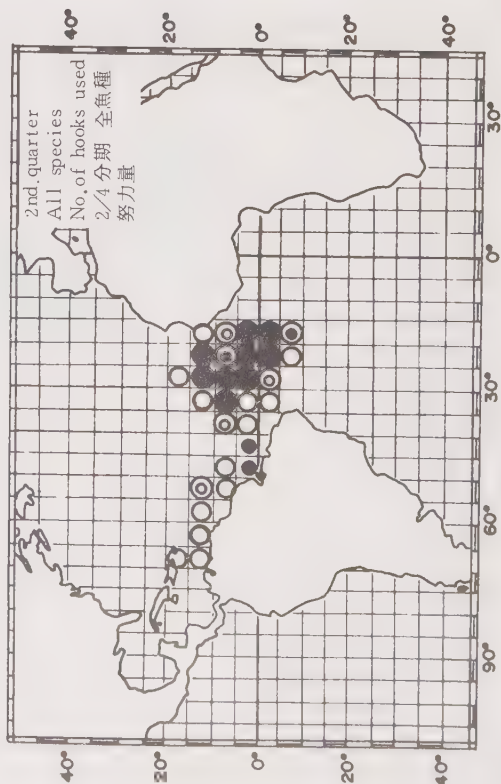
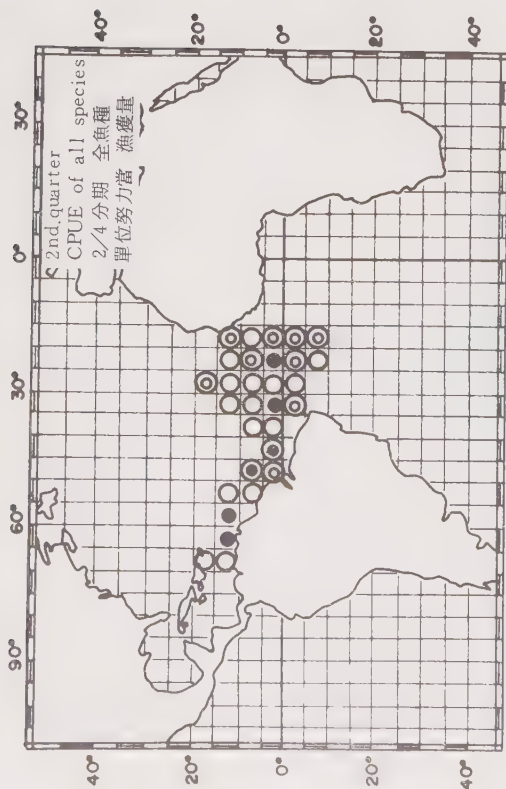
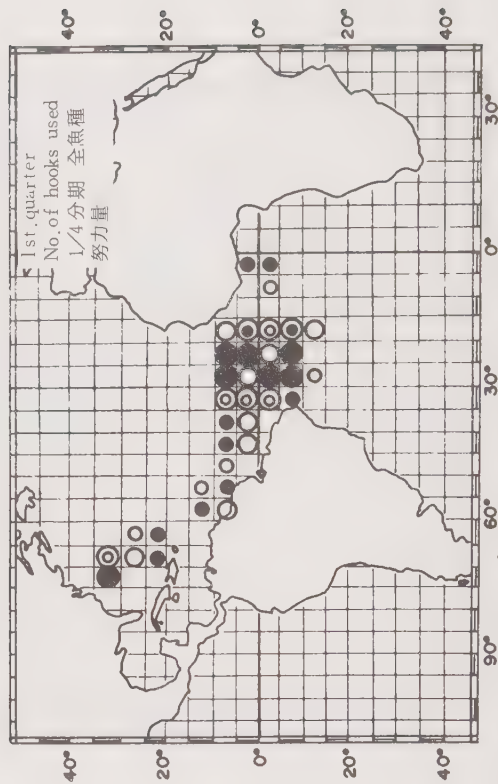
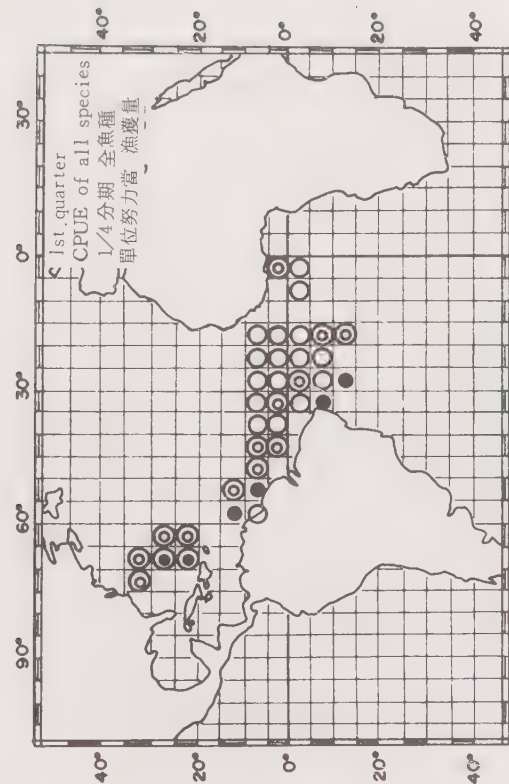
全 魚 種

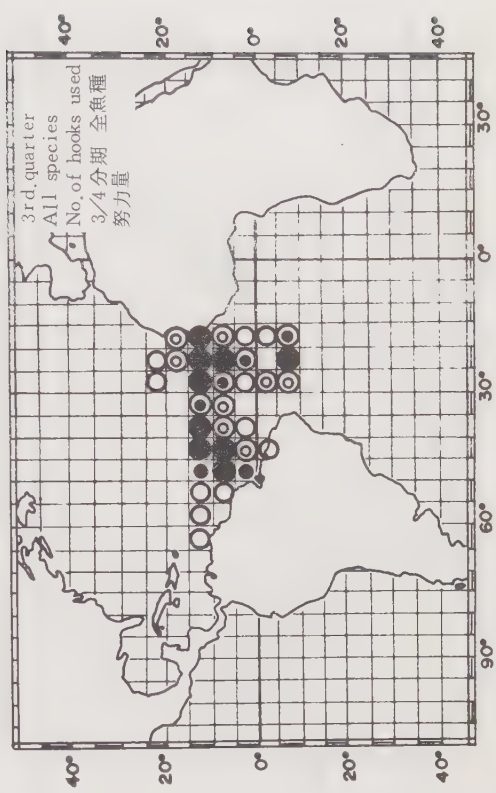
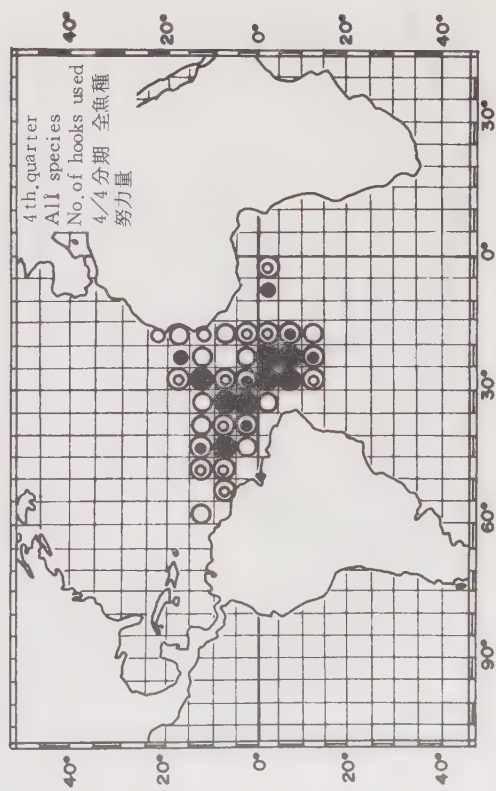
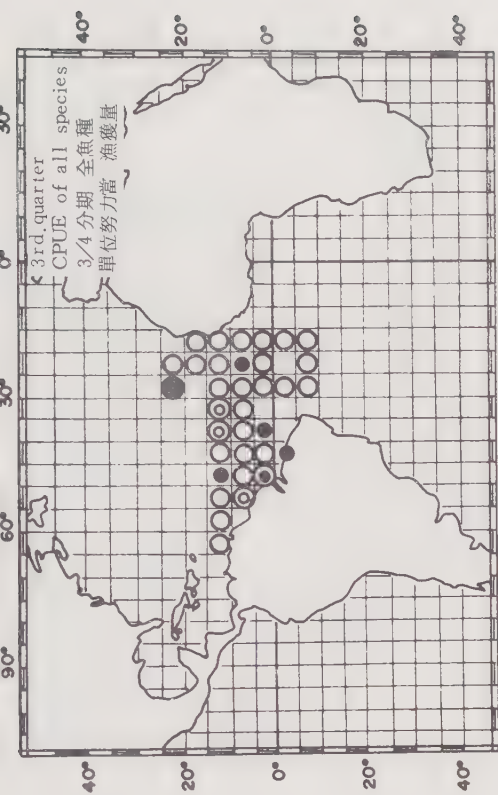
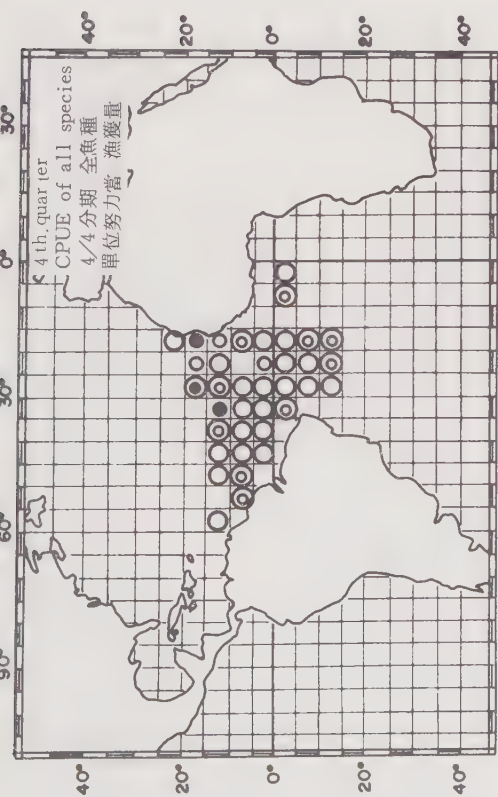
分期別 月別 單位努力當 漁獲量 與 努力量 分布圖

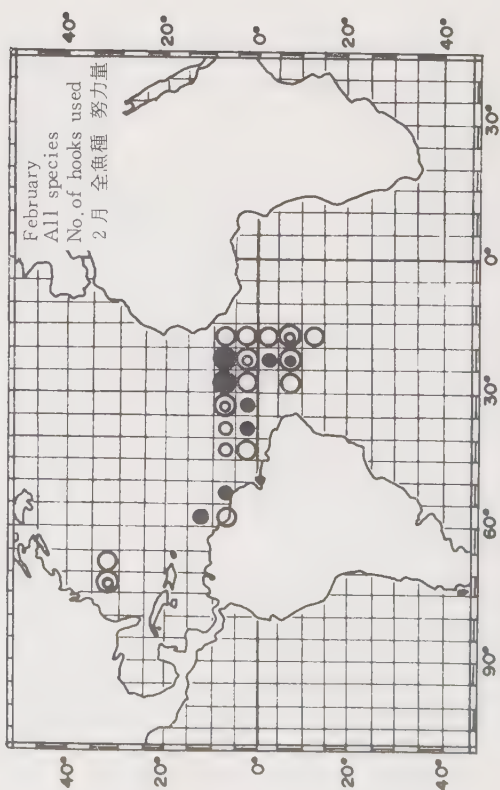
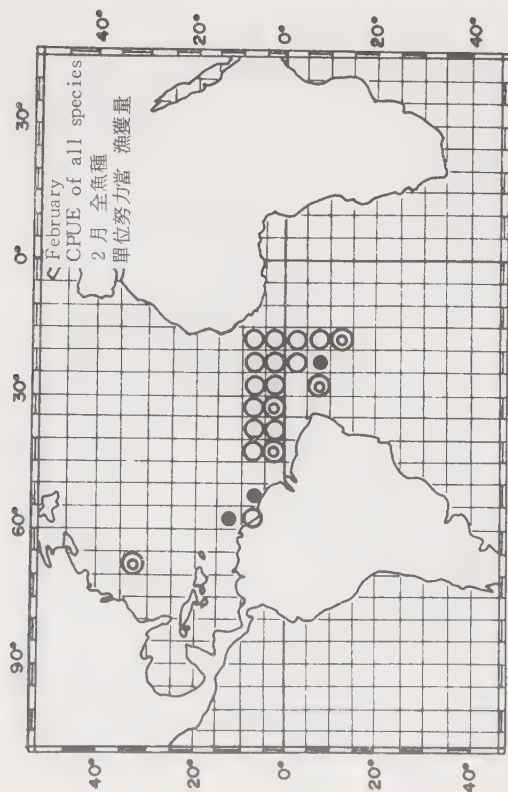
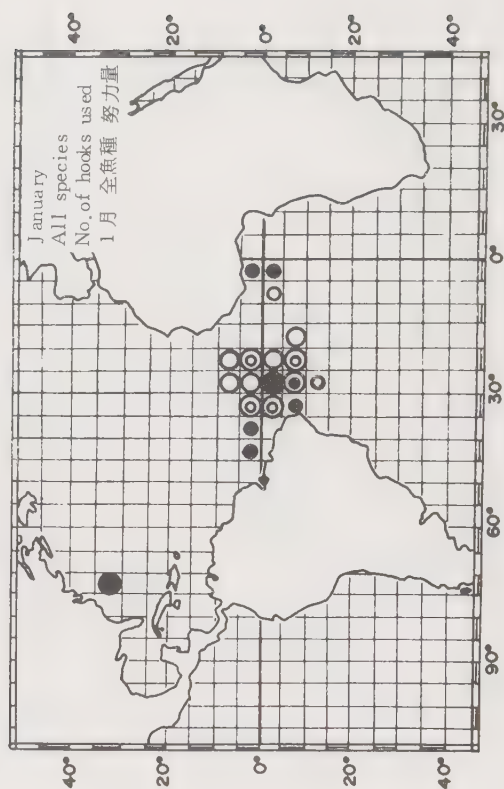
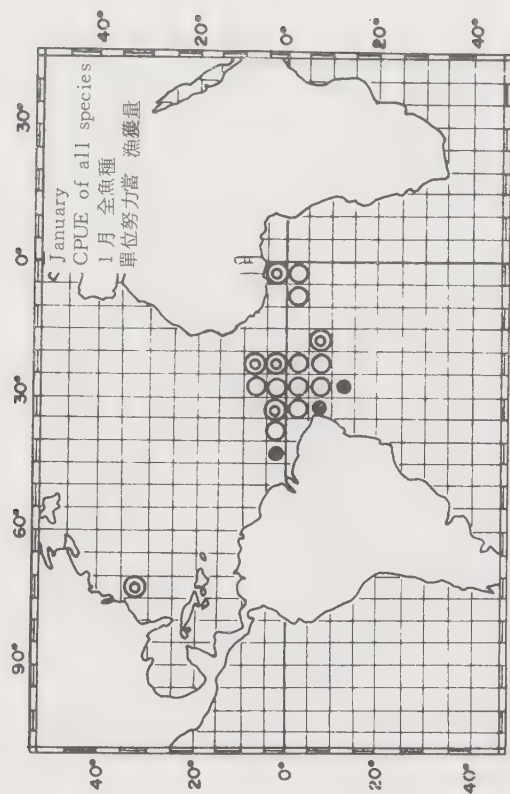
All species

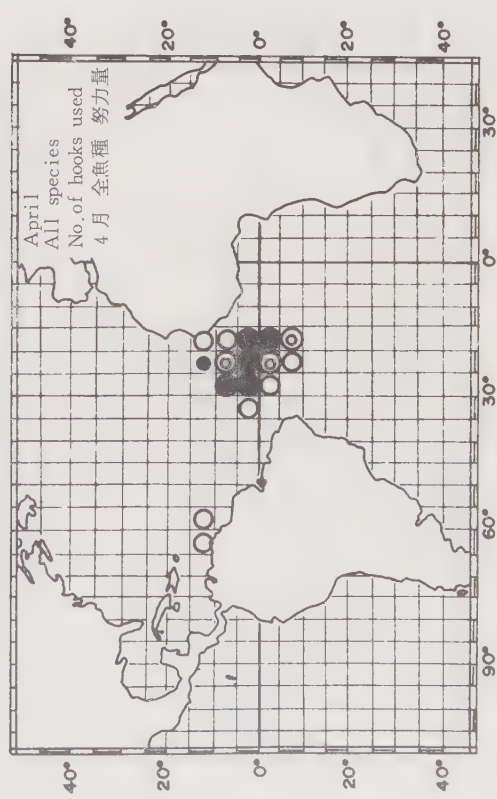
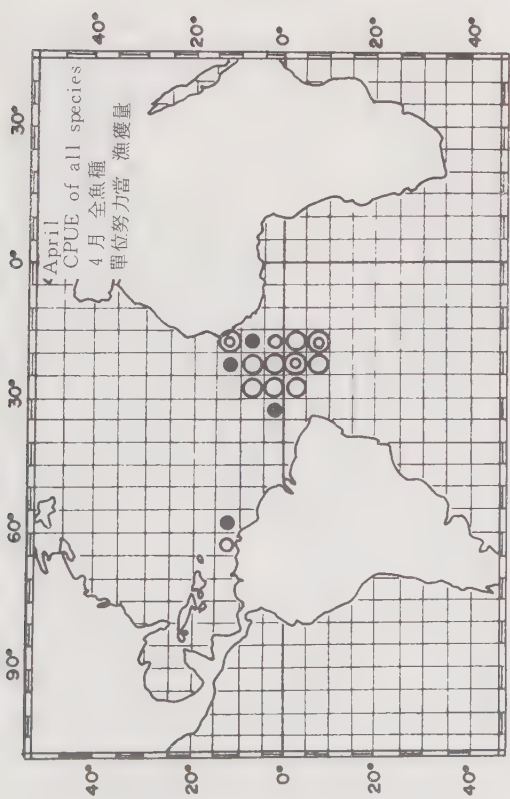
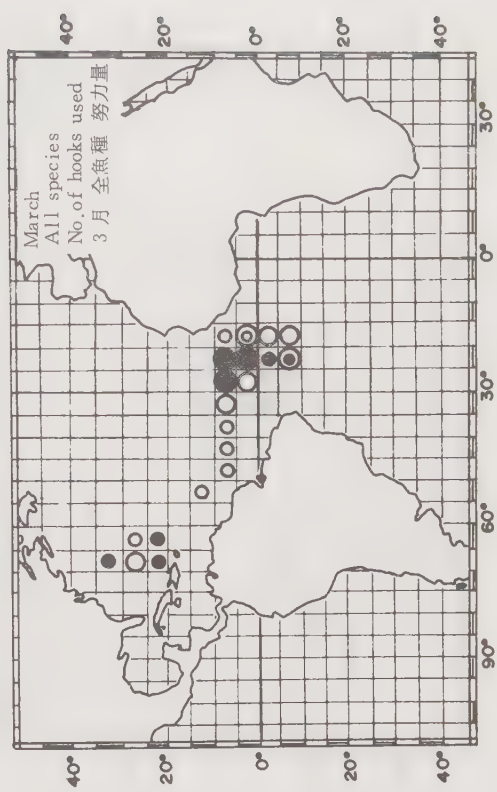
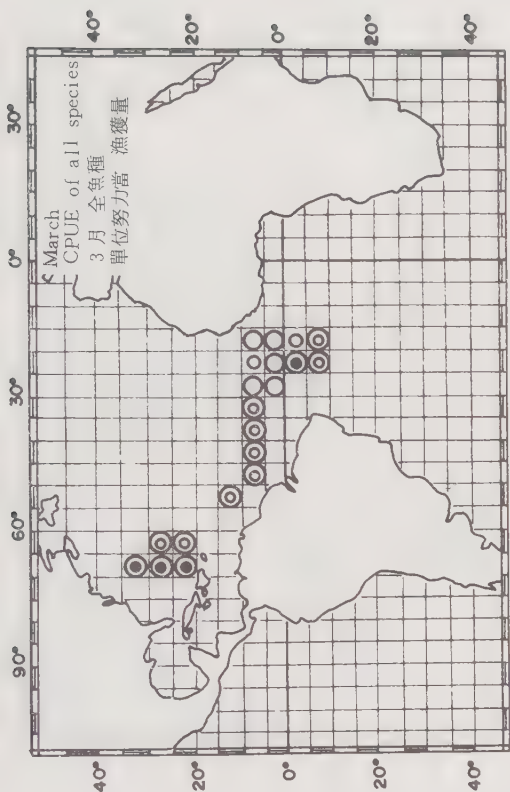
CPUE and fishing effort by month and by quarter

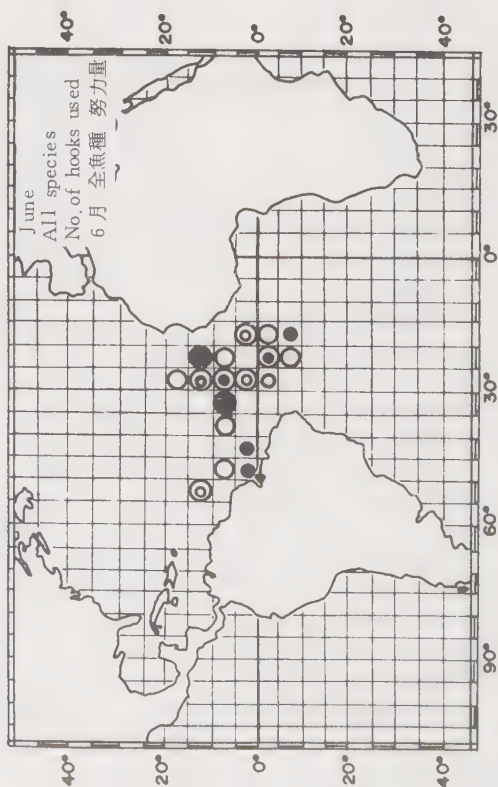
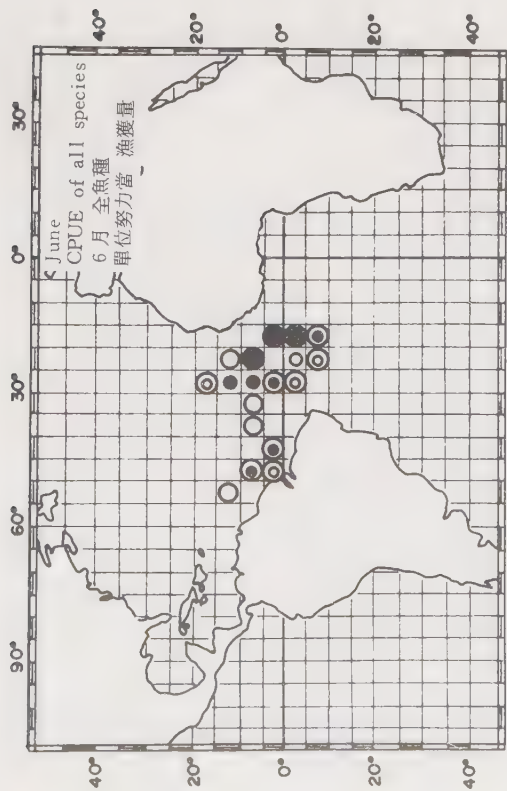
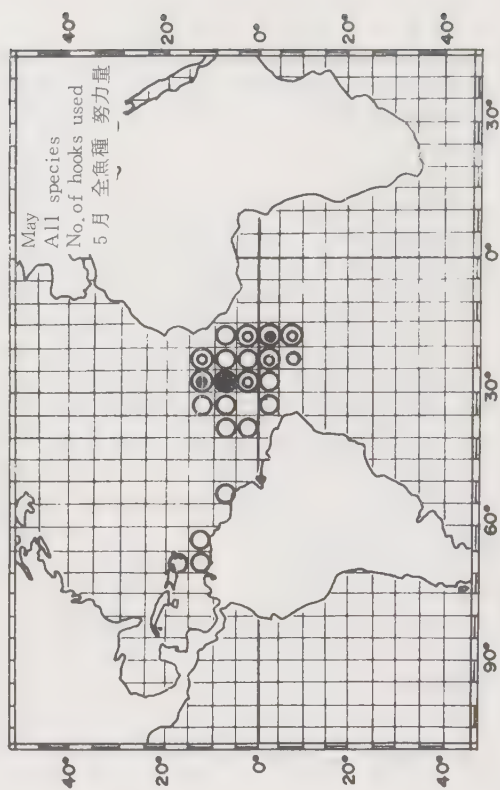
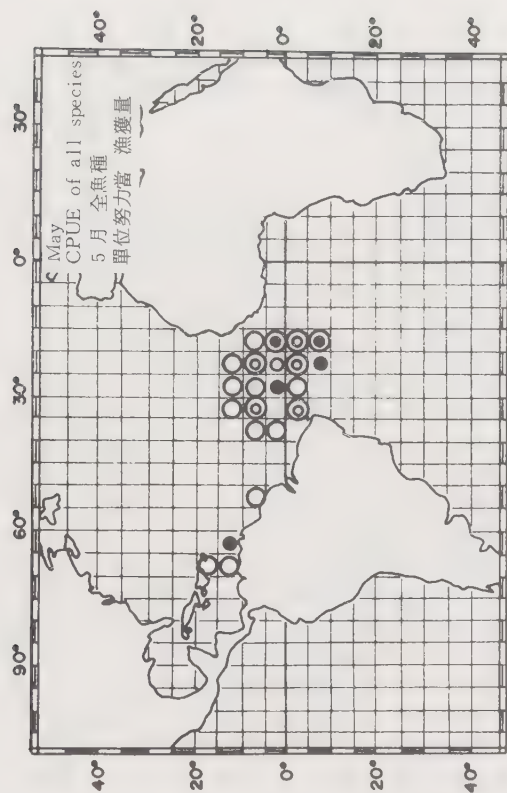


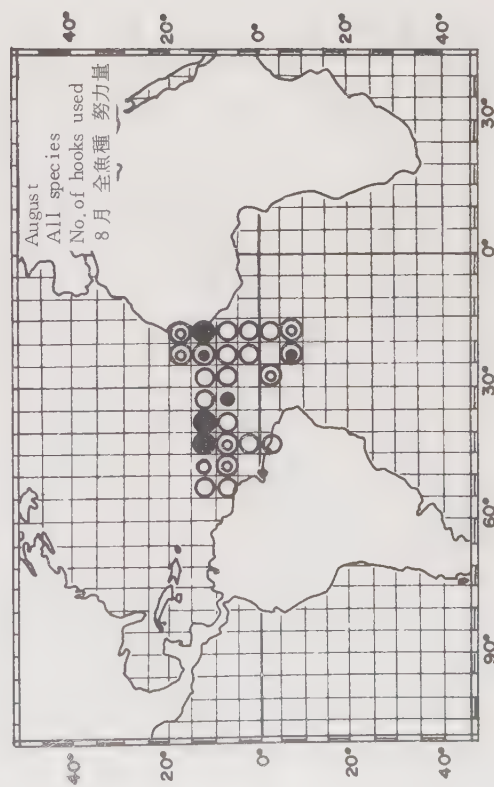
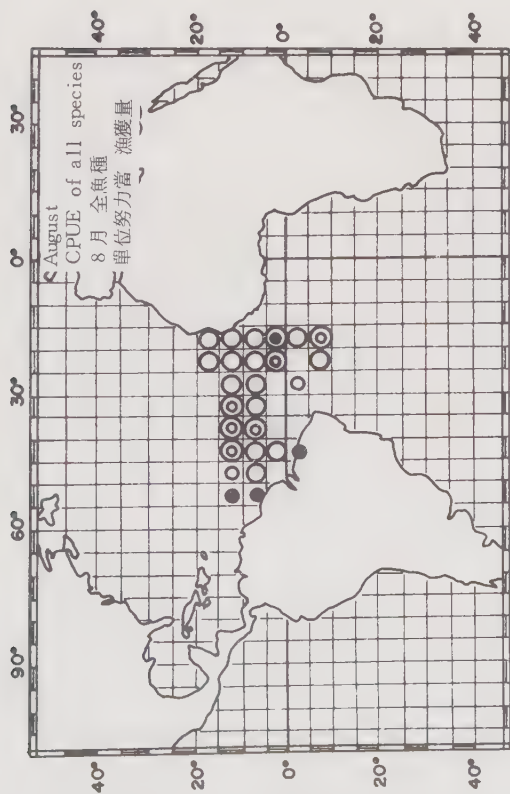
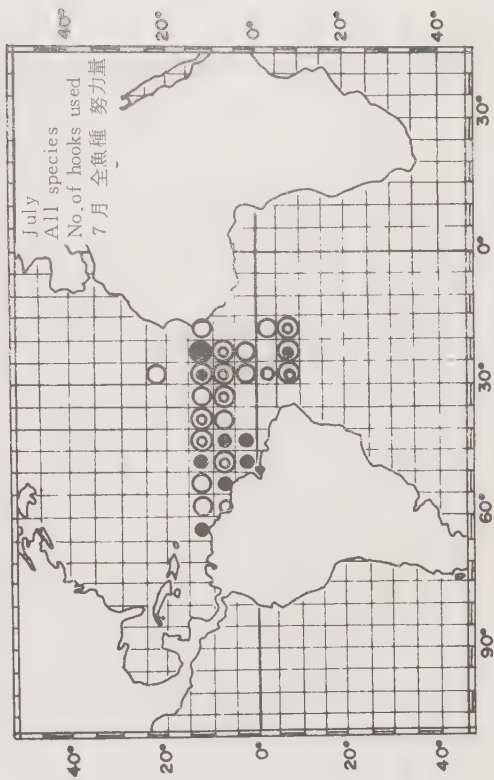
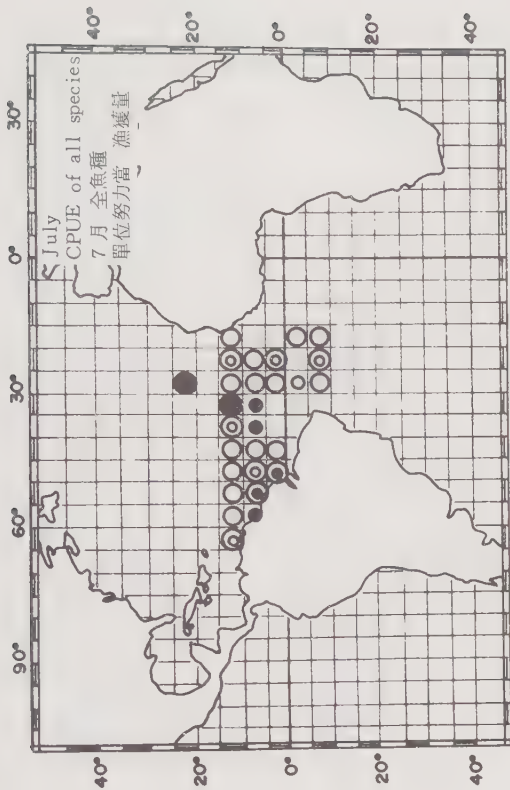


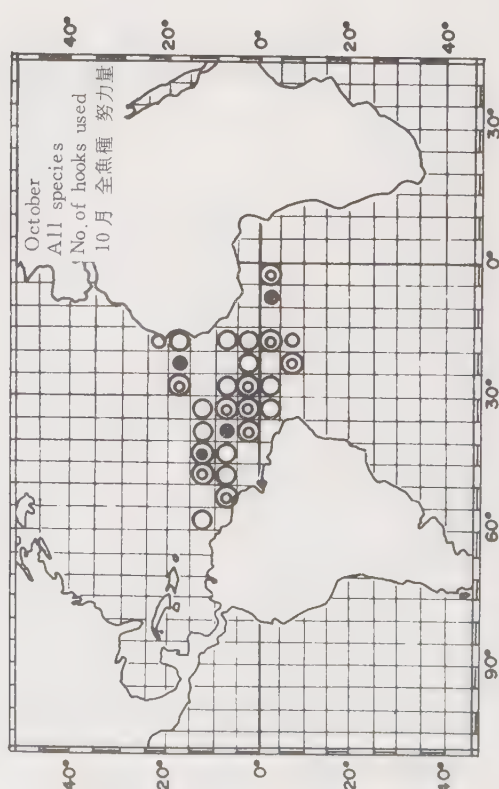
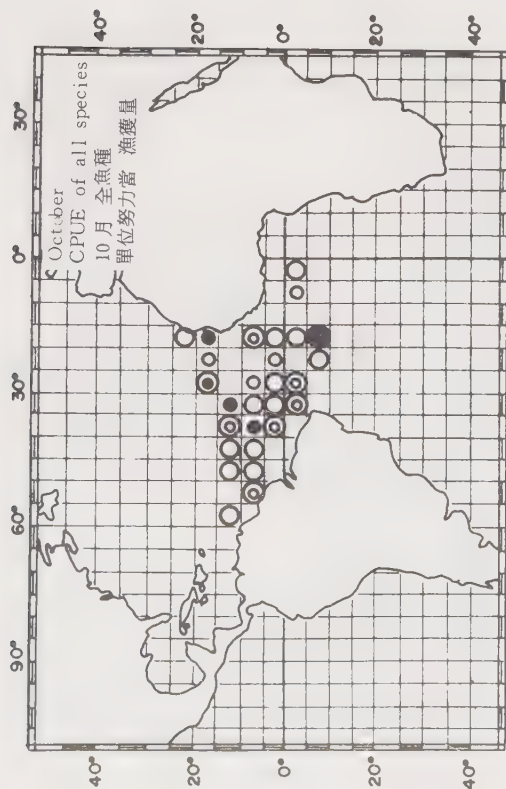
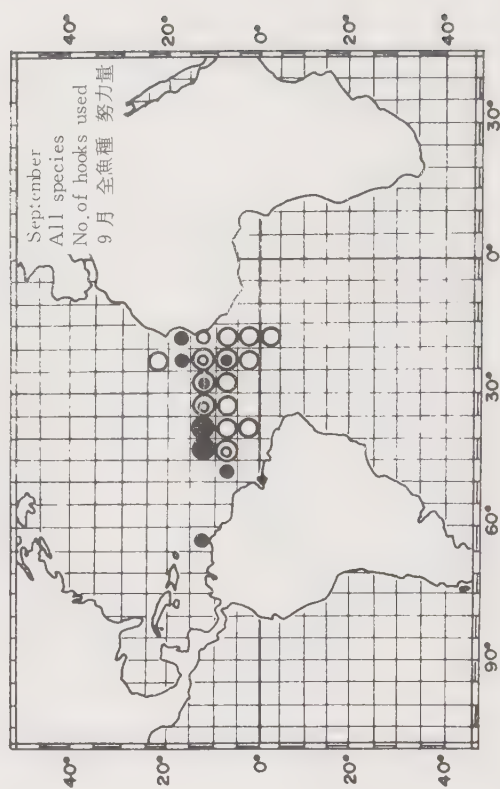
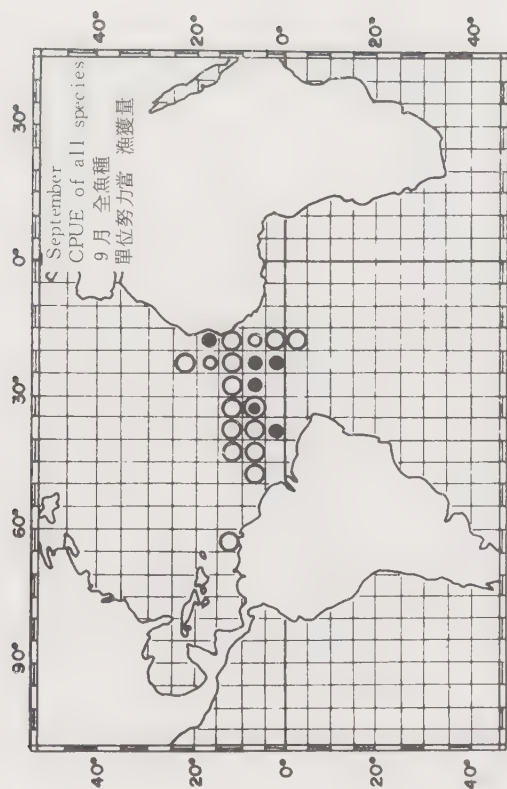


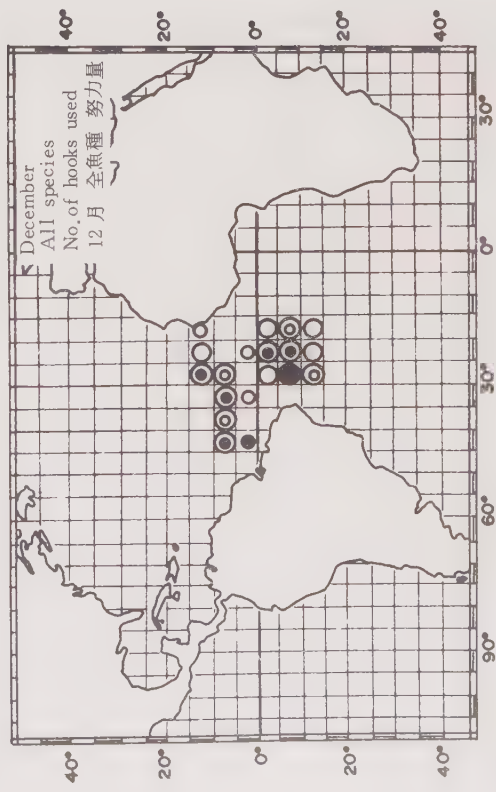
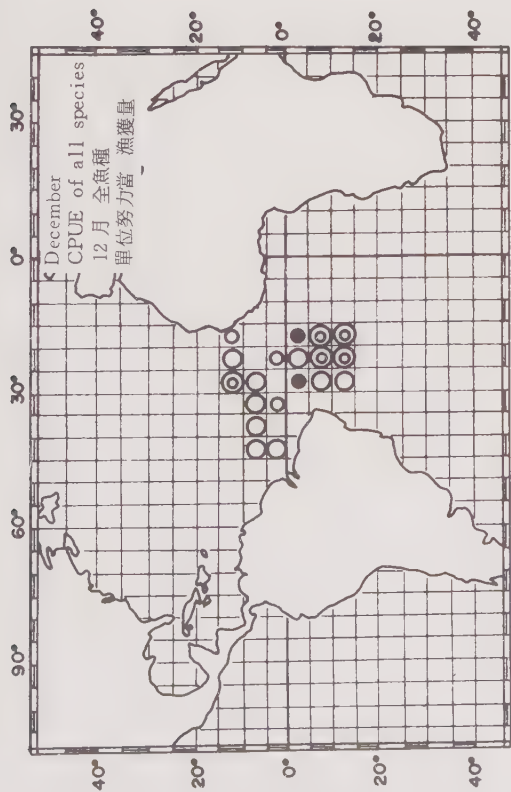
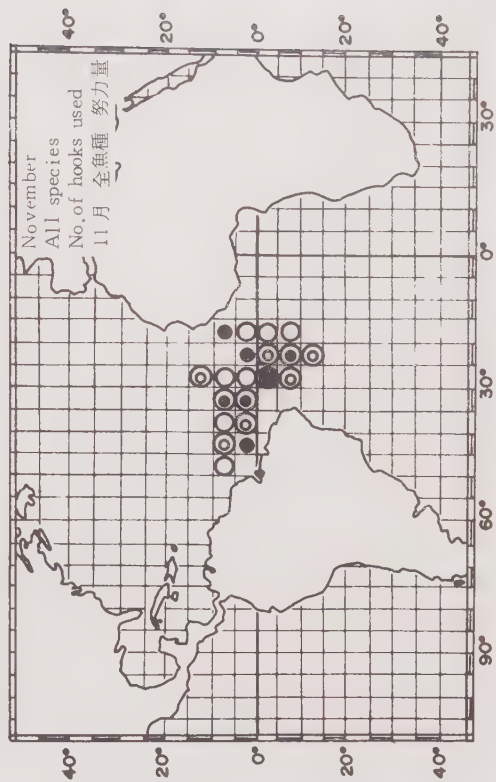
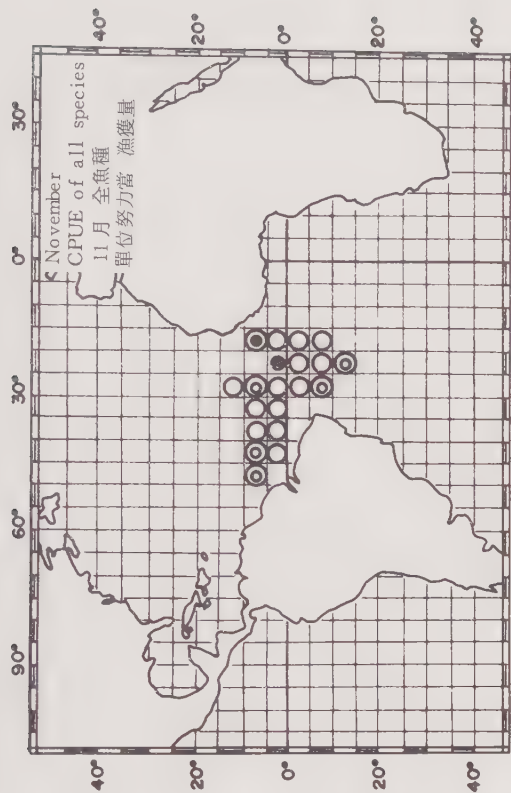










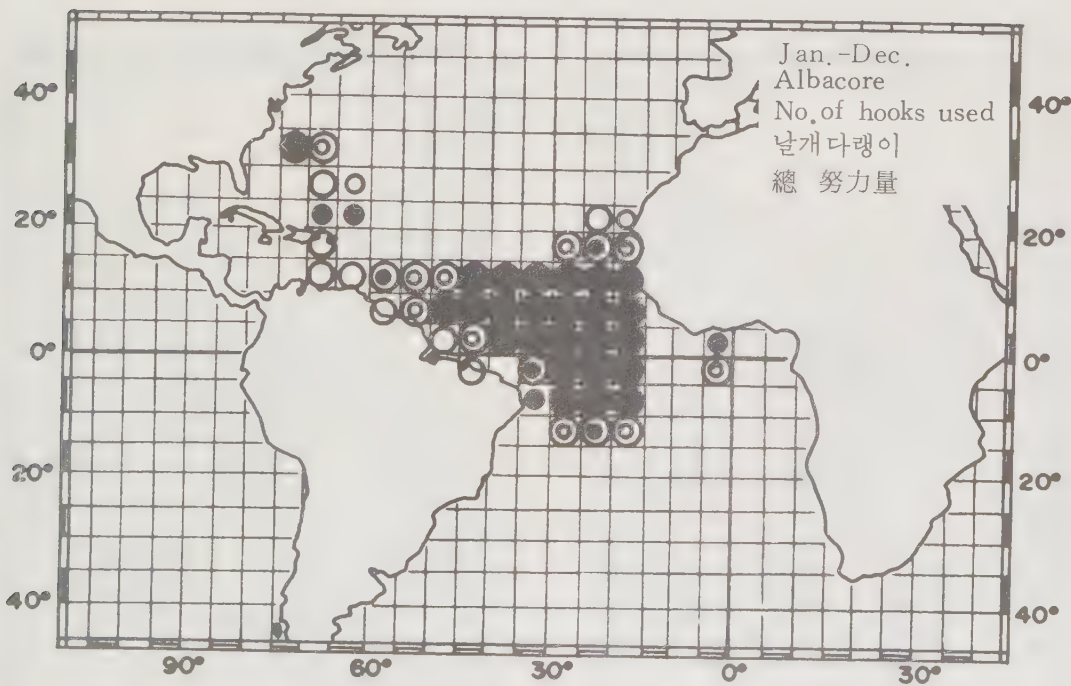
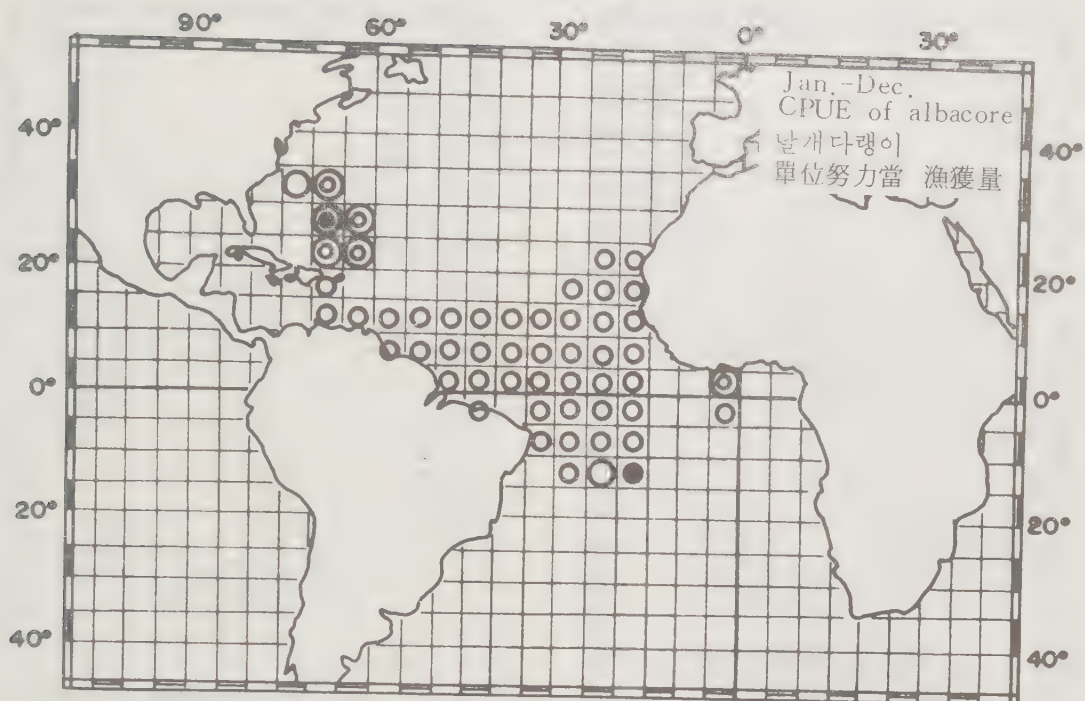


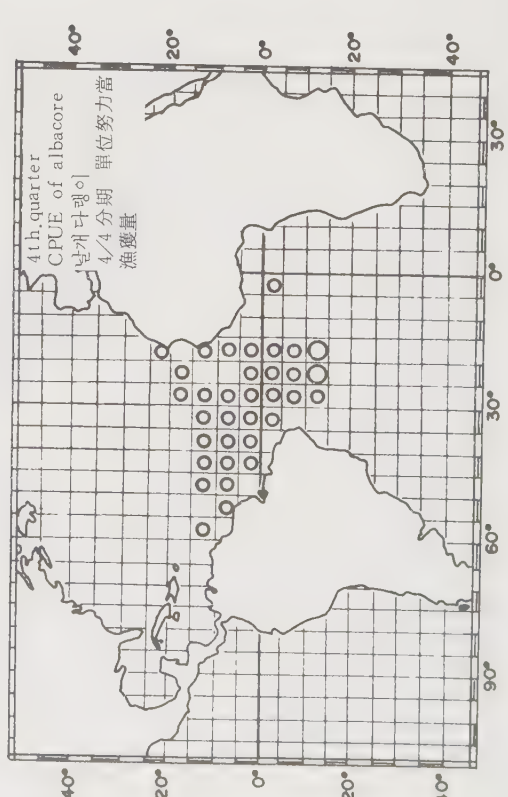
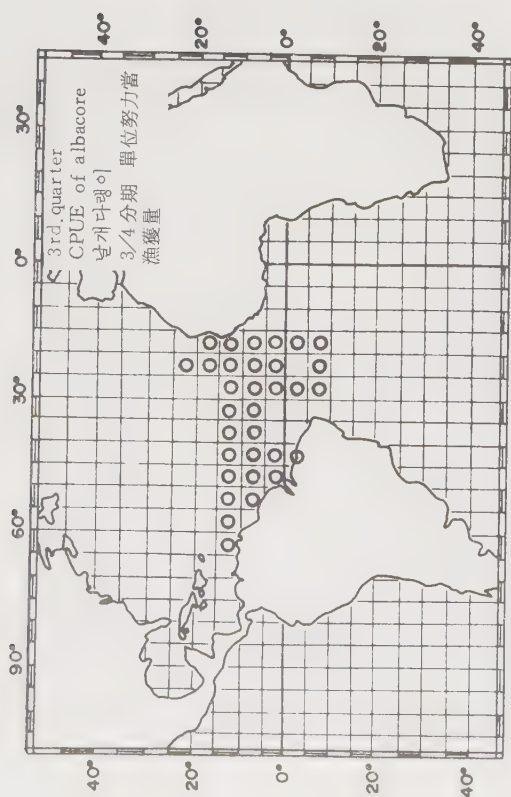
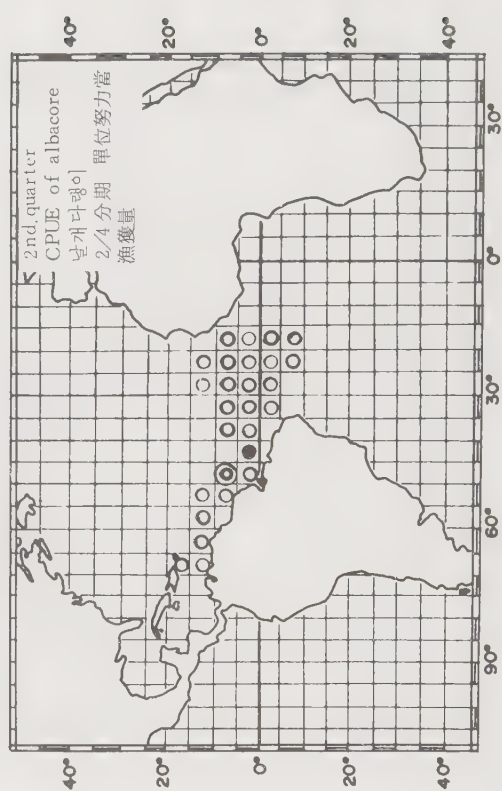
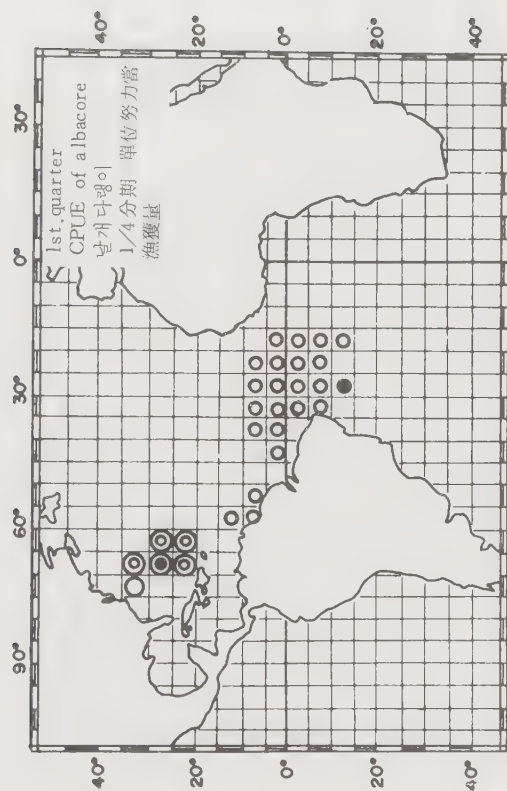
날개다랭이 , 황다랭이 , 눈다랭이
單位努力當 漁獲量 및 努力量 分布圖

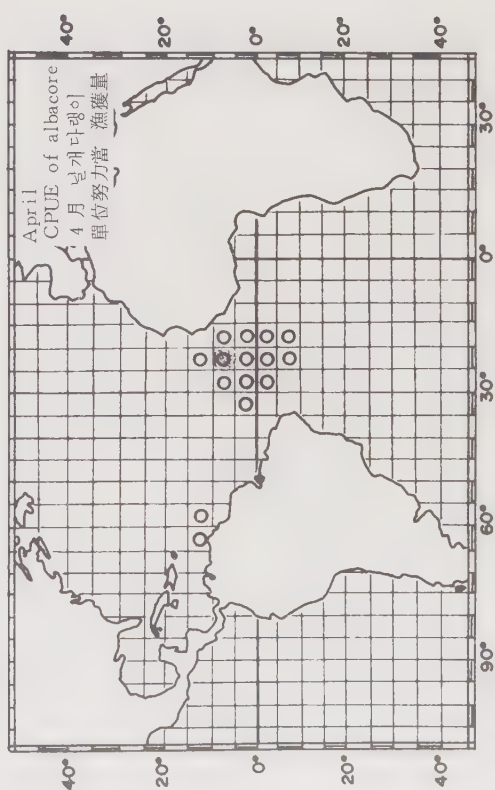
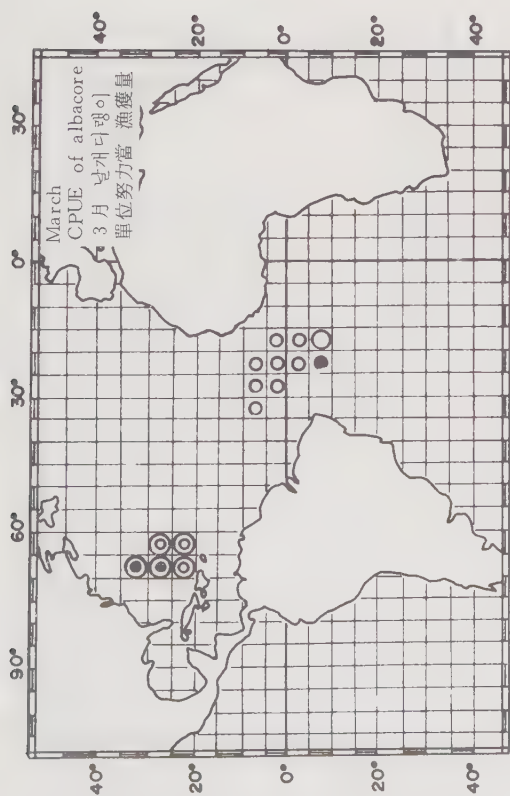
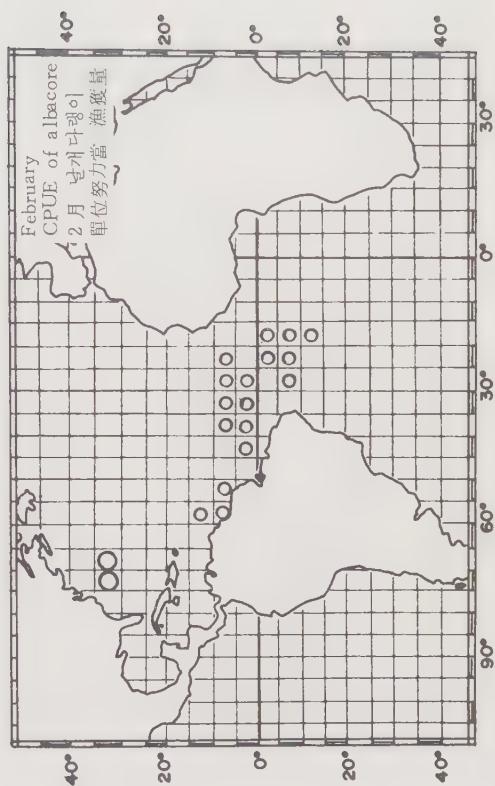
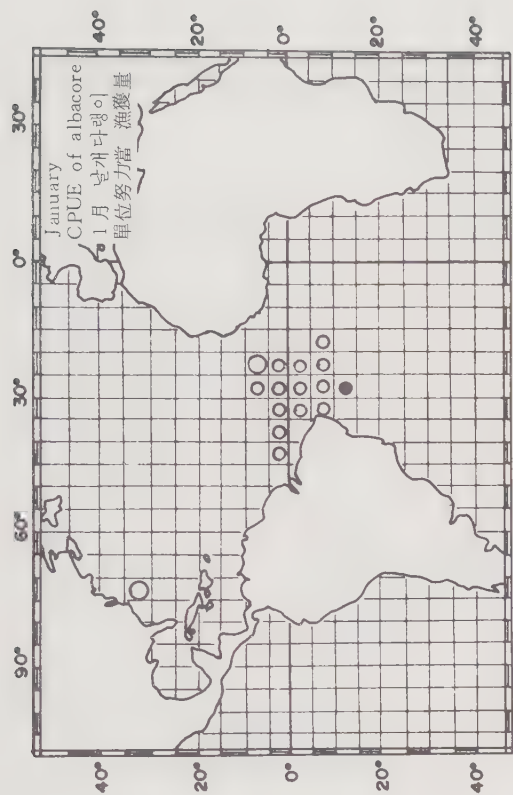
Albacore , Yellowfin , Bigeye
CPUE and fishing effort

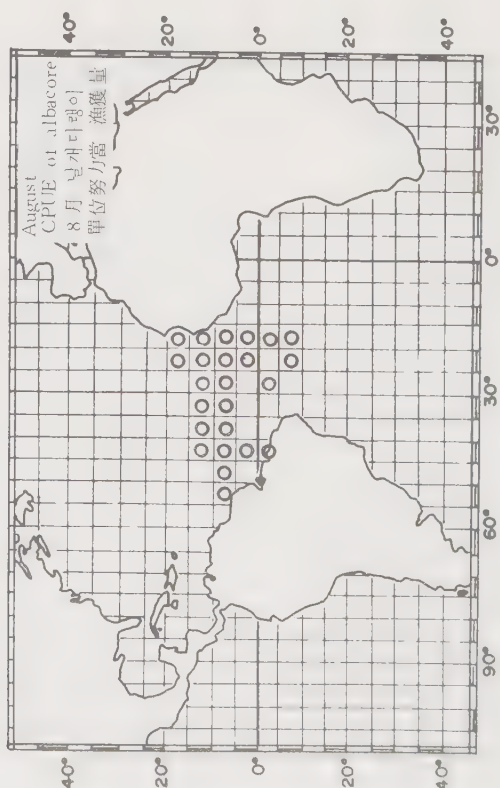
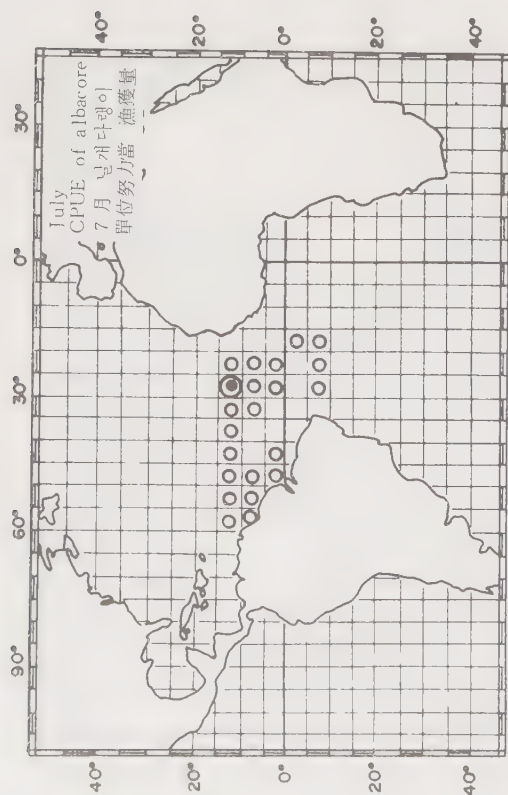
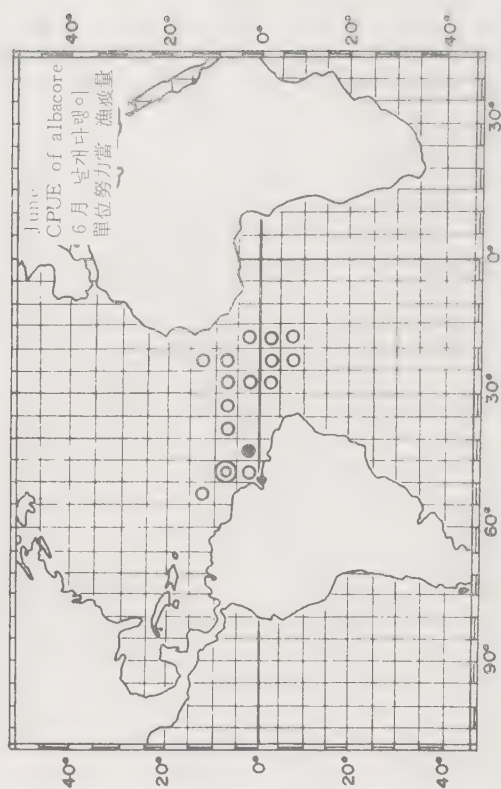
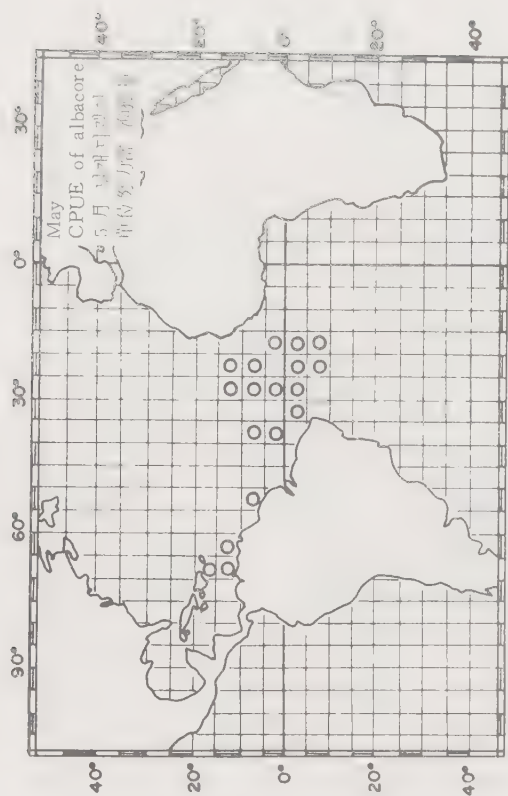
날 개 다 랭 이

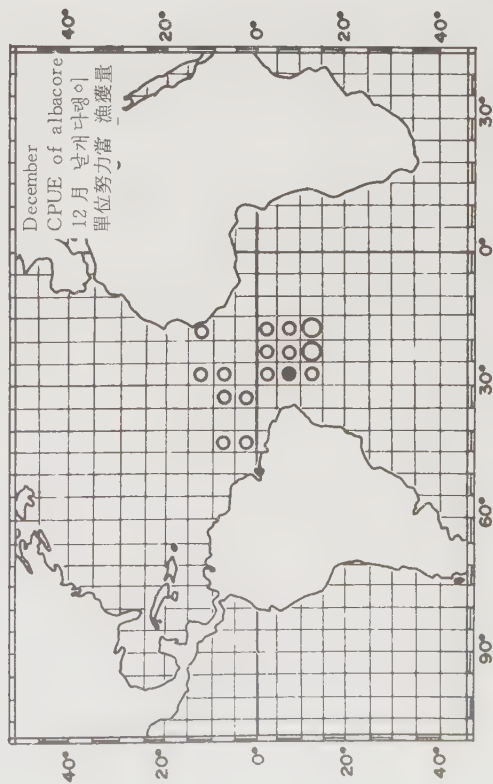
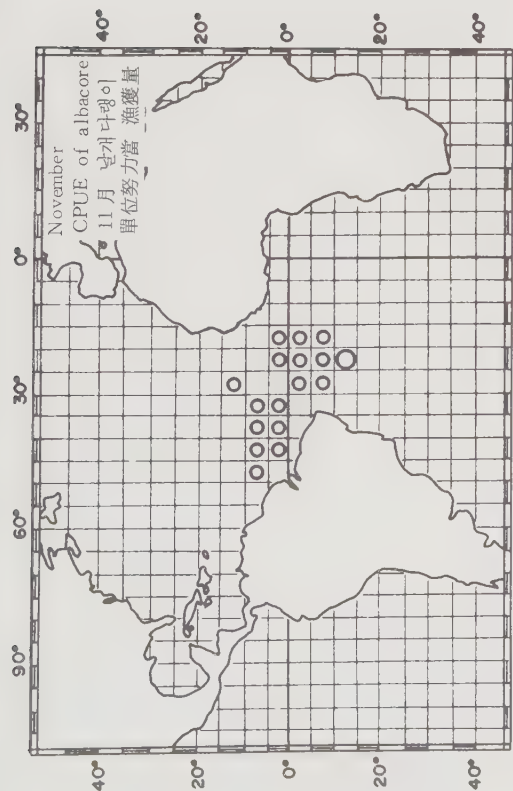
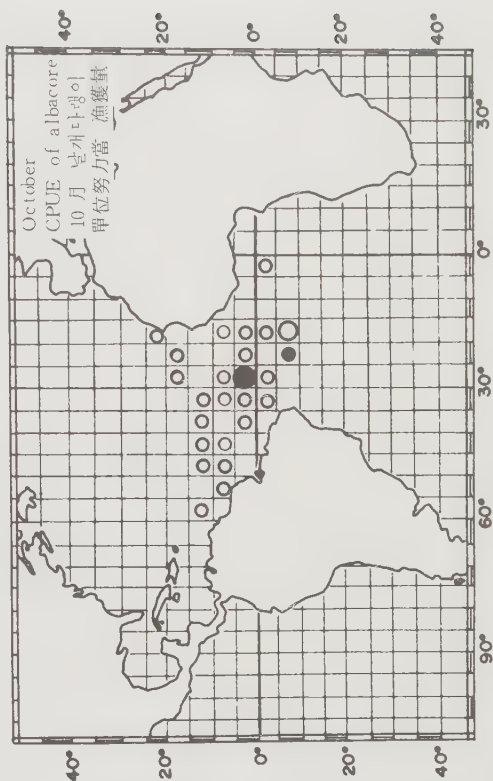
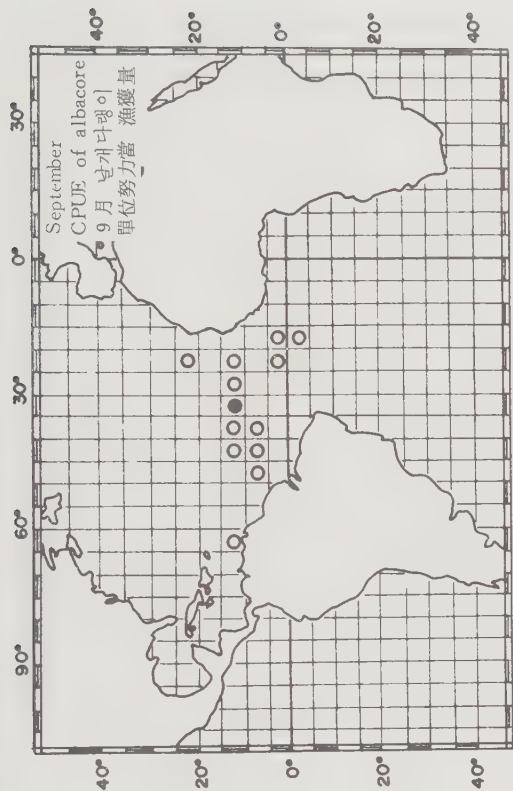
Albacore





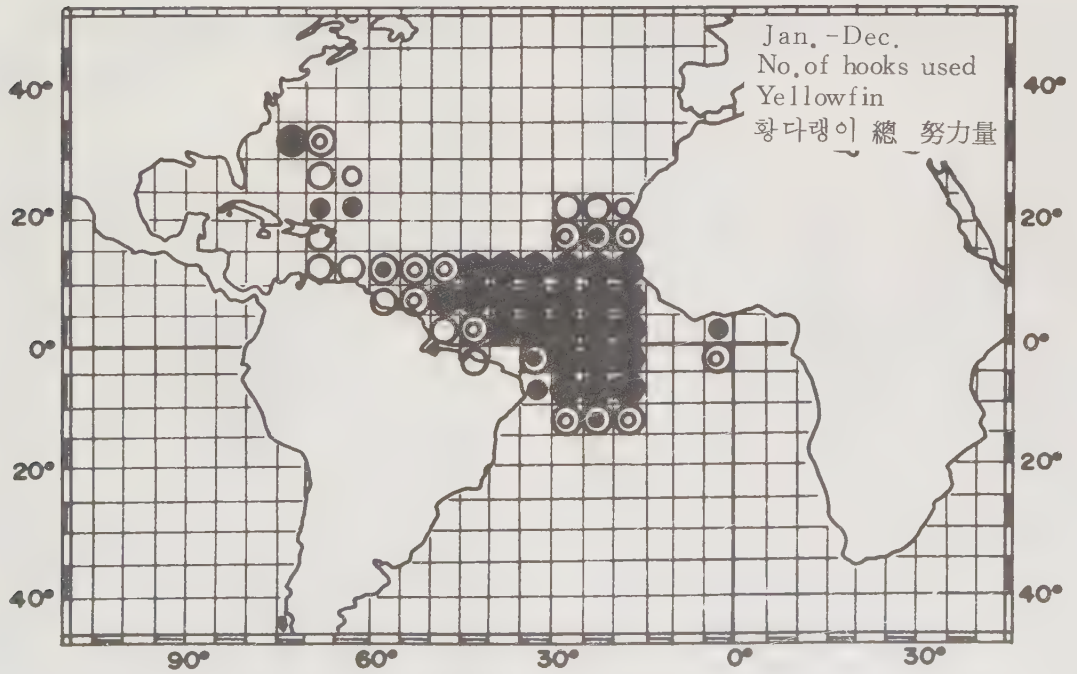
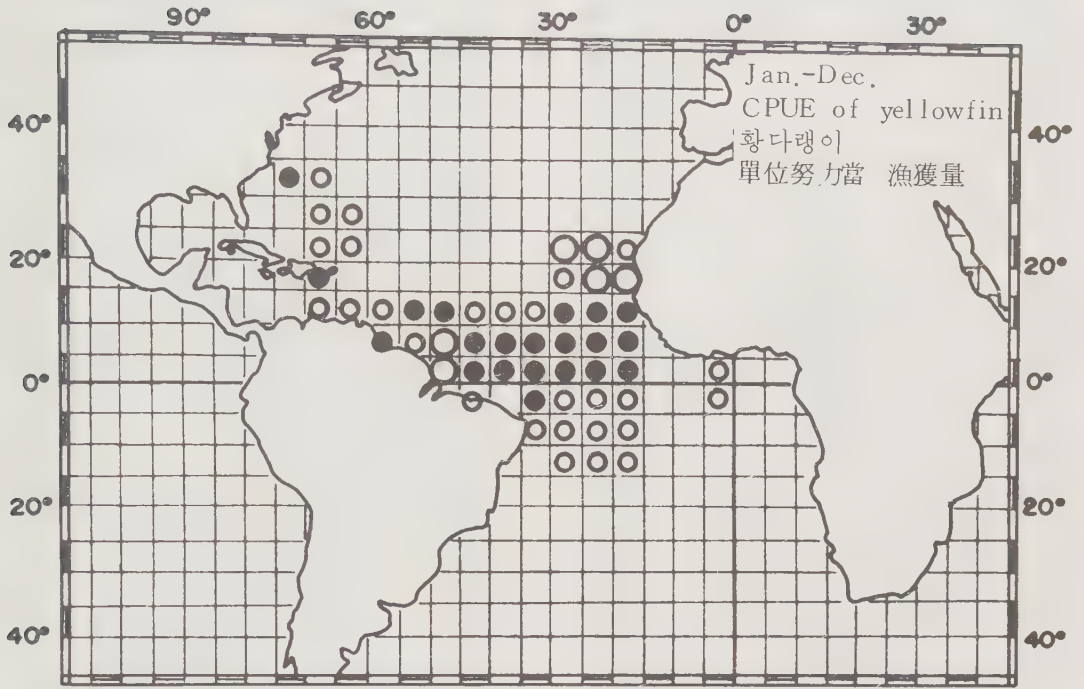


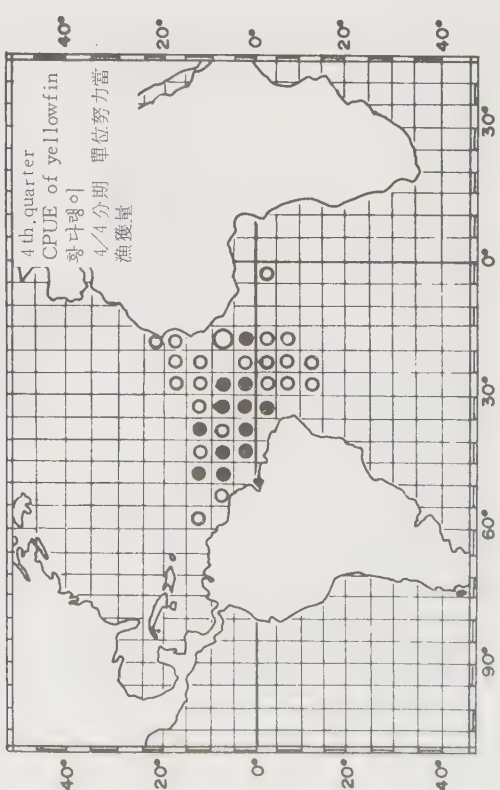
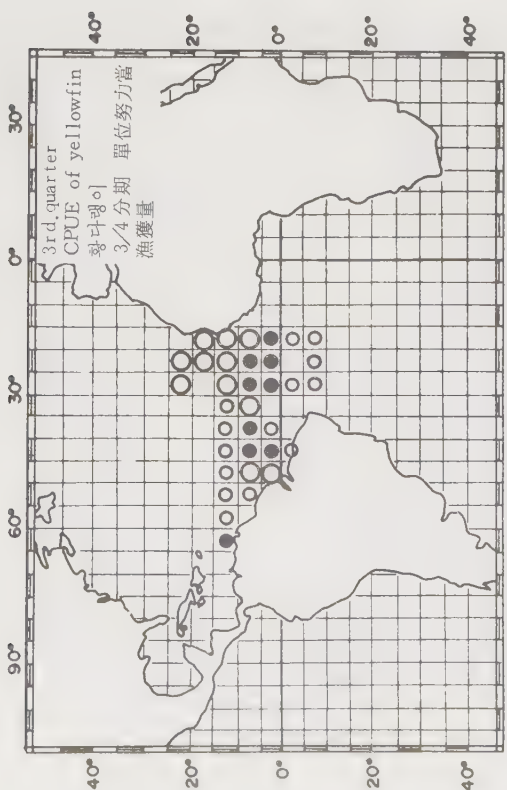
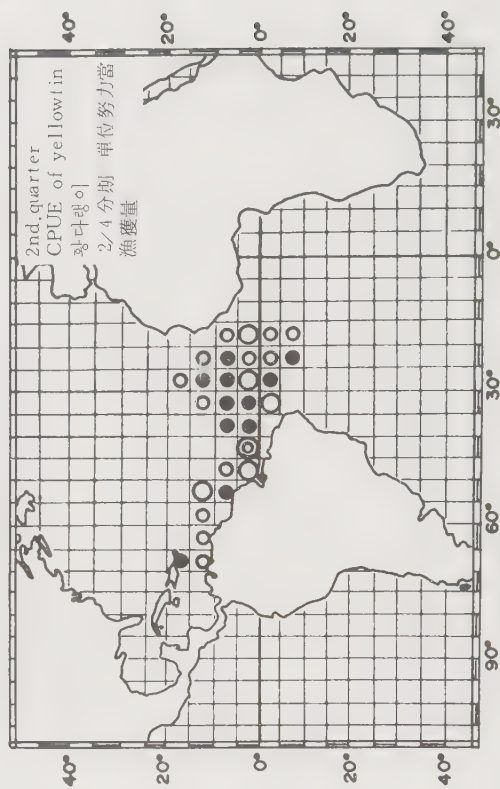
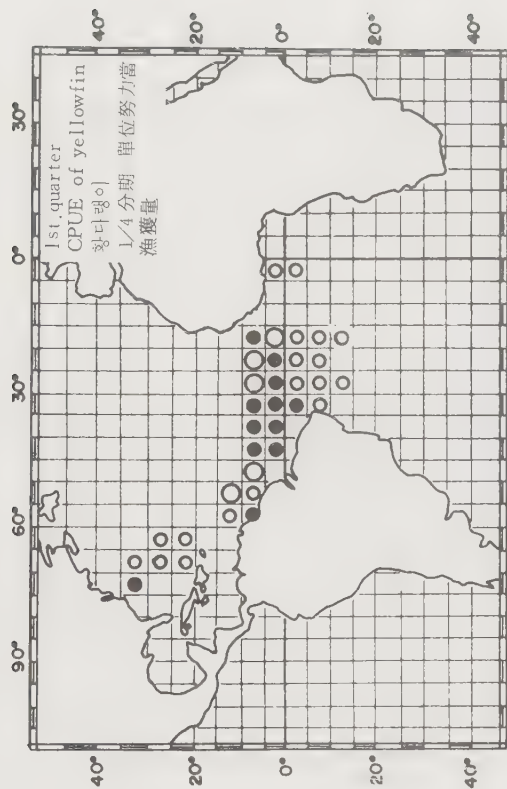


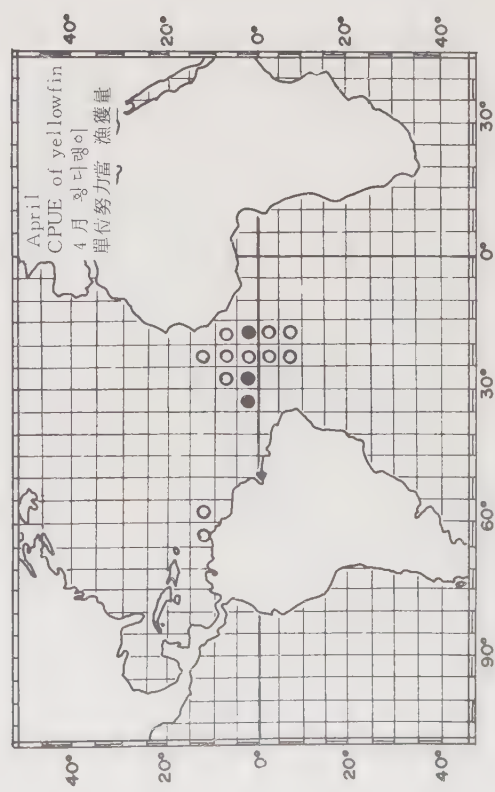
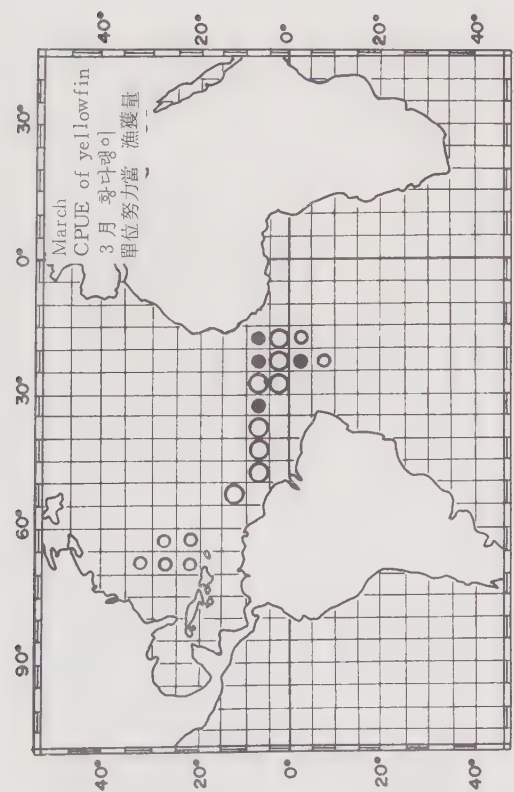
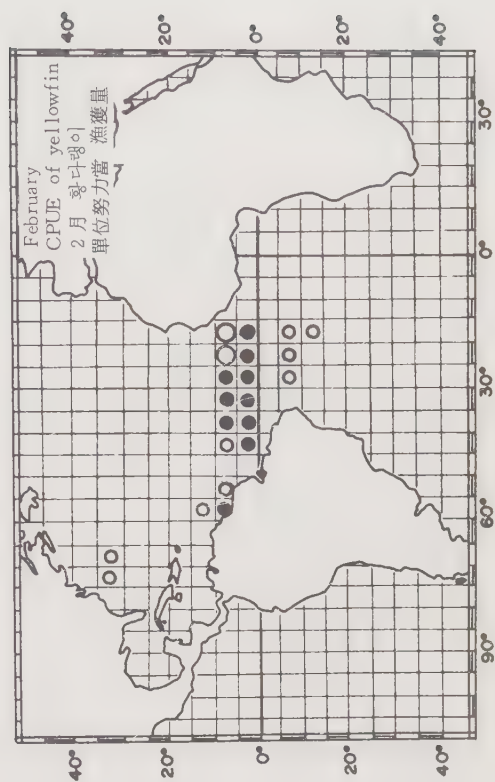
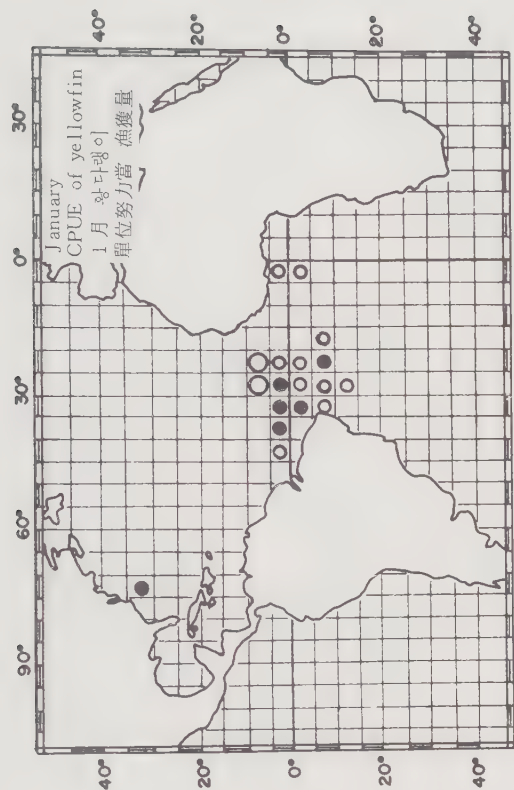


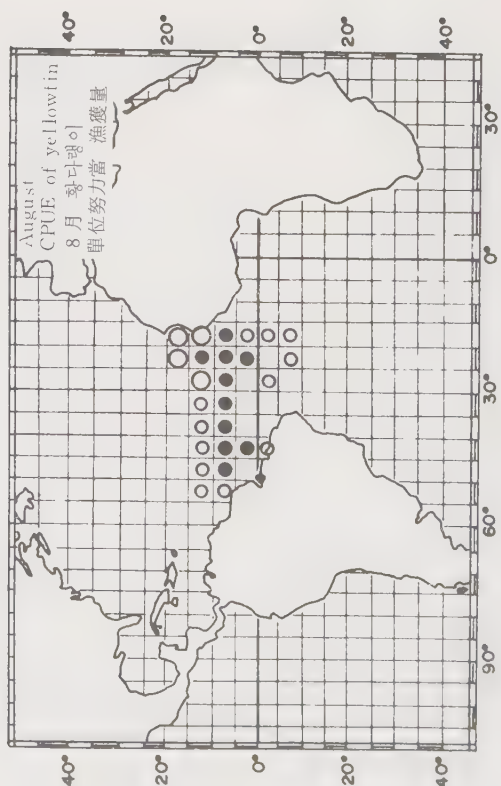
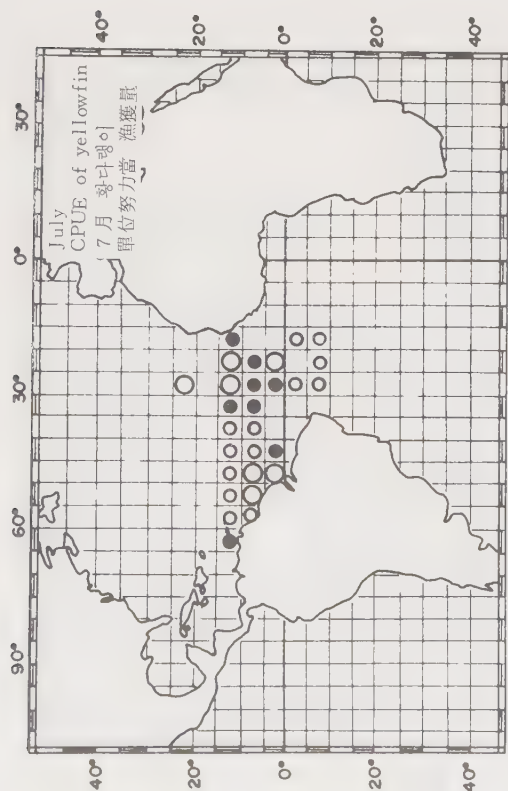
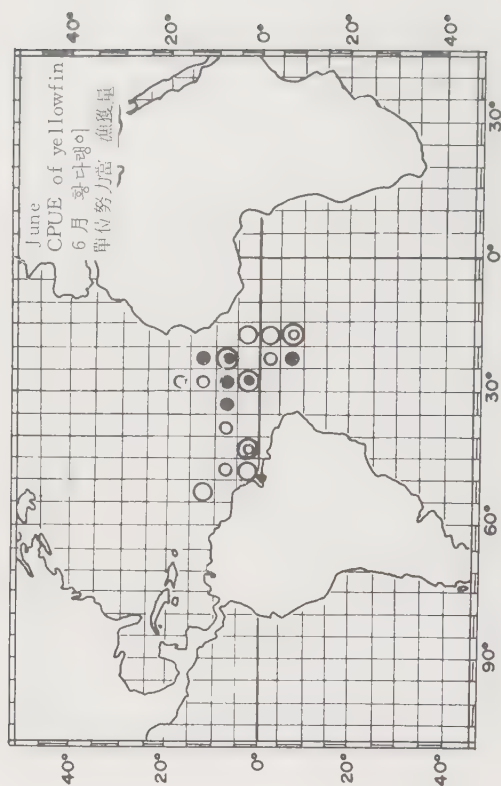
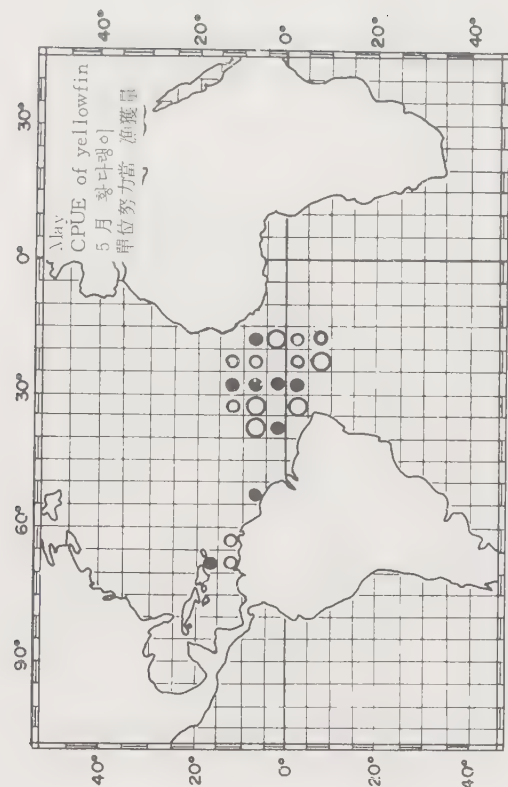
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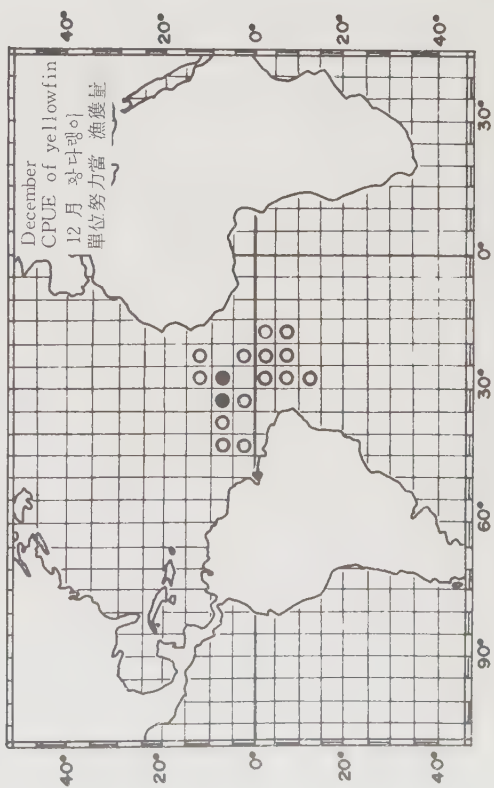
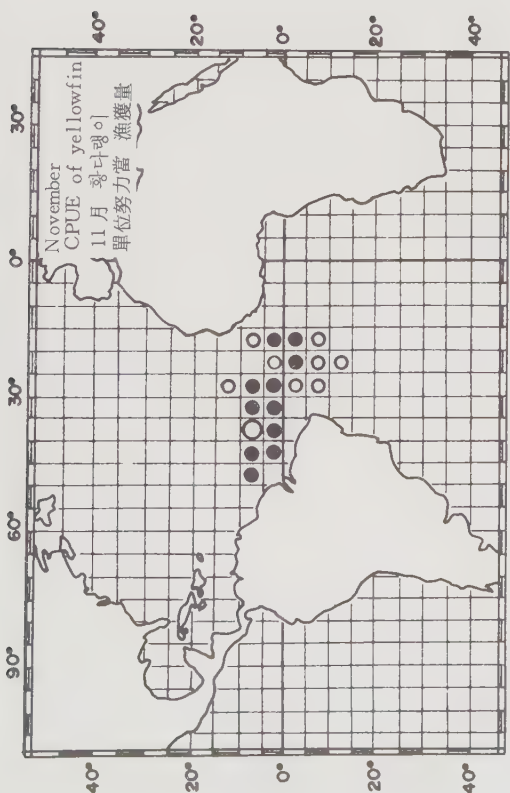
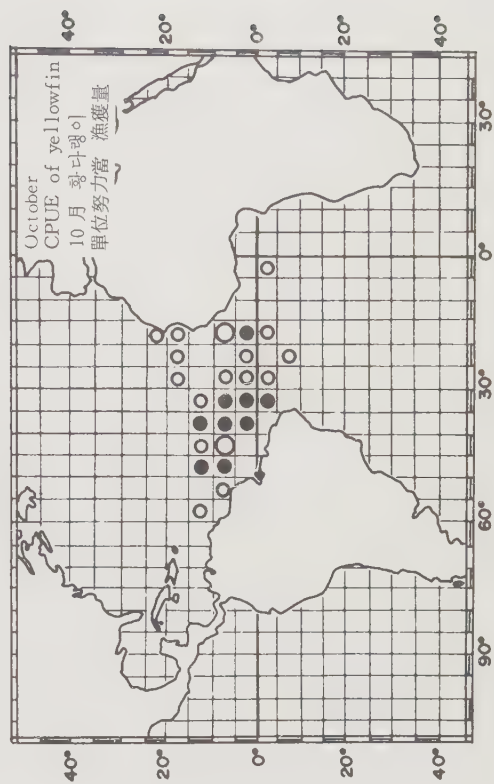
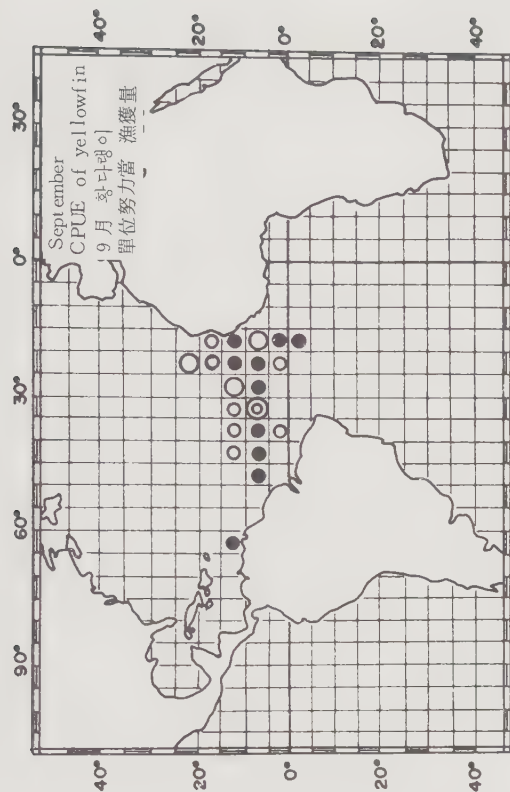
Yellowfin





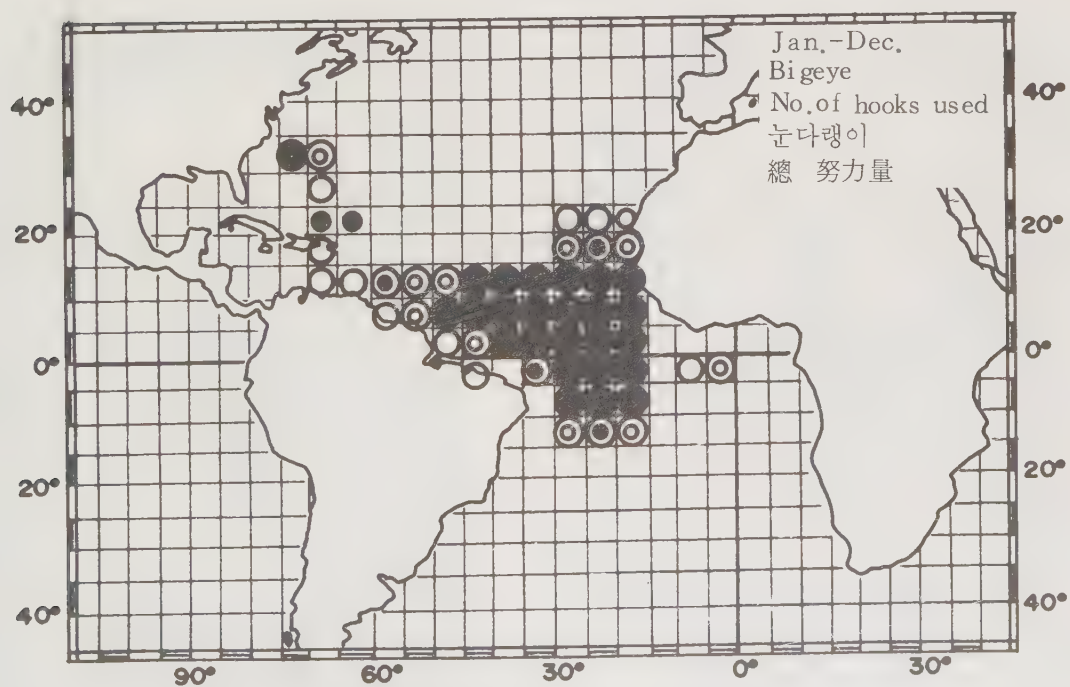
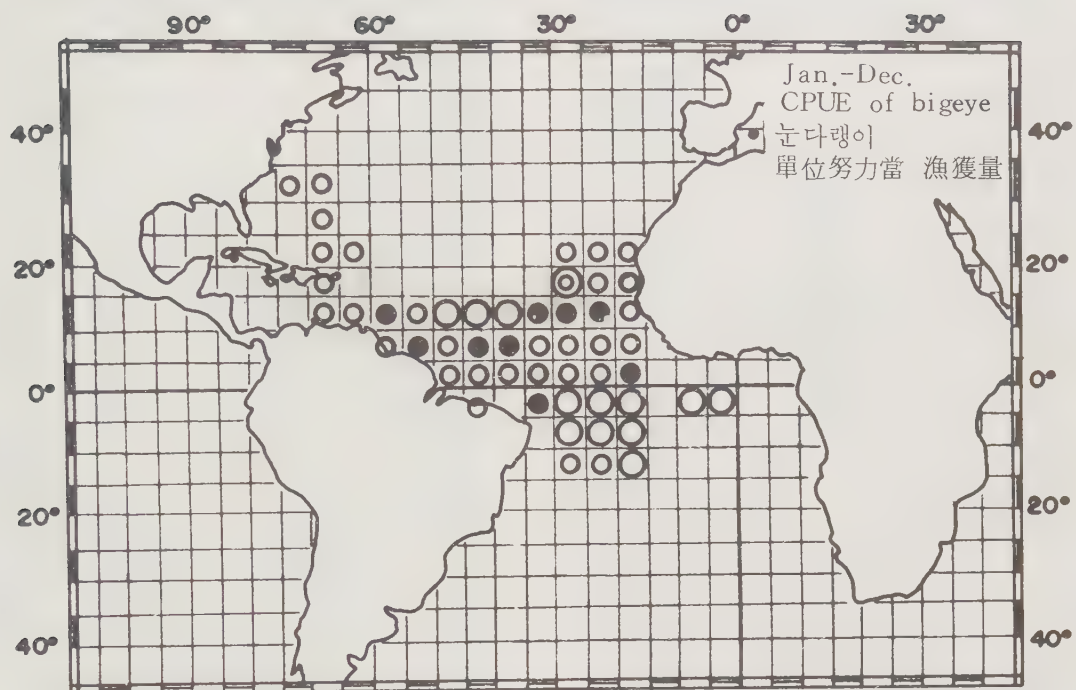


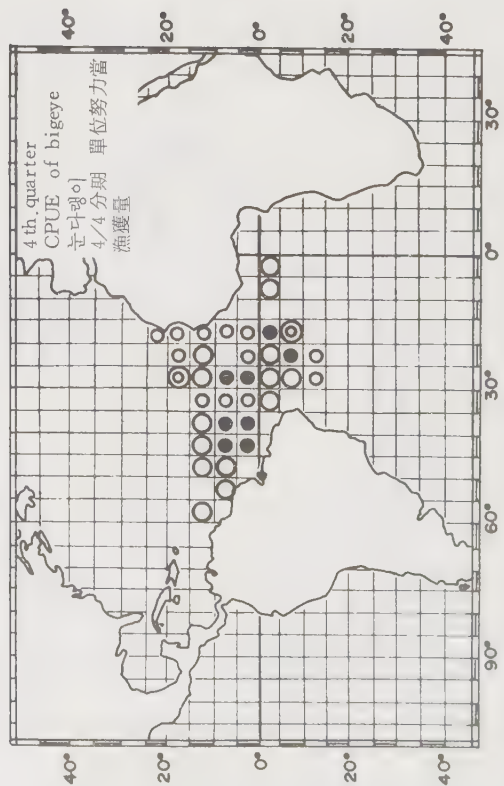
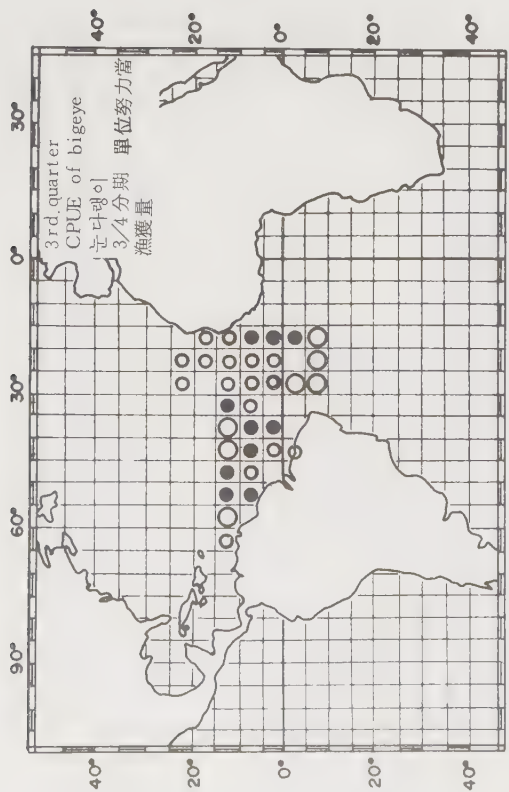
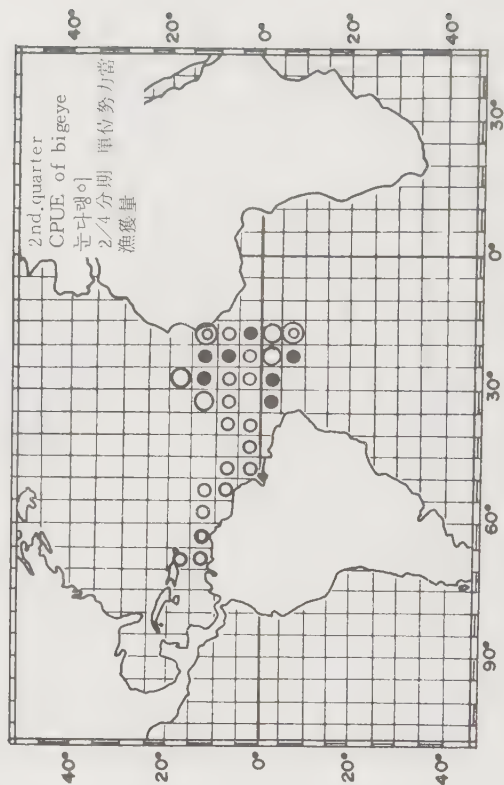
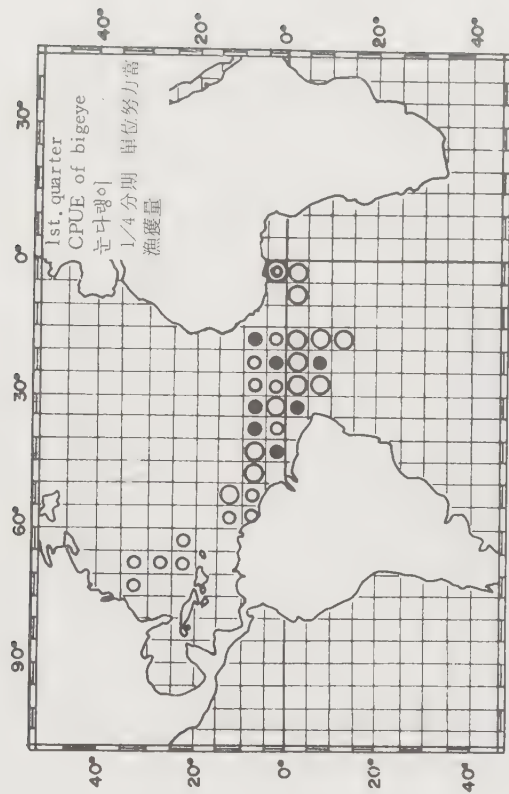


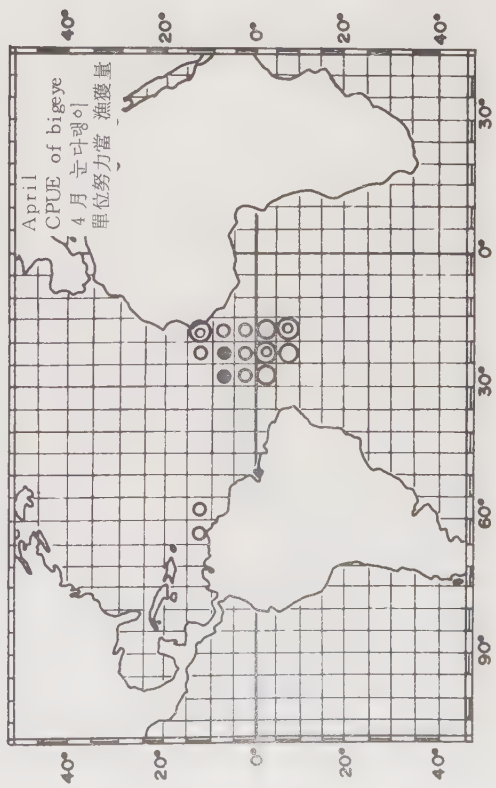
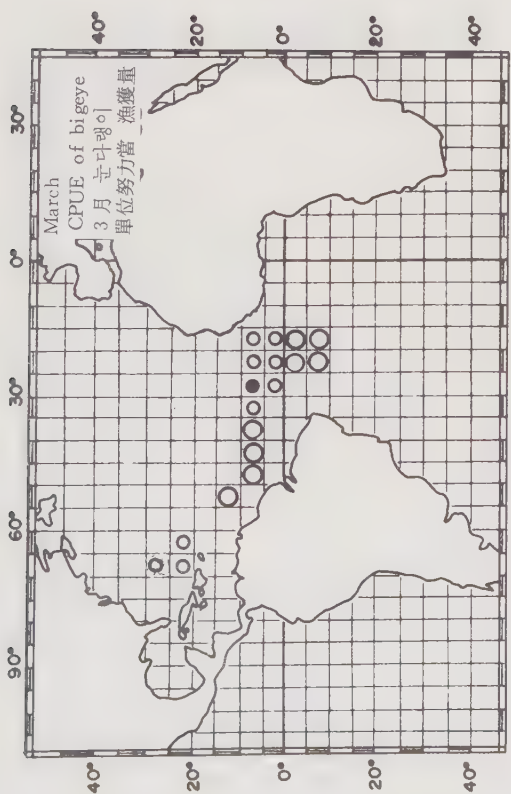
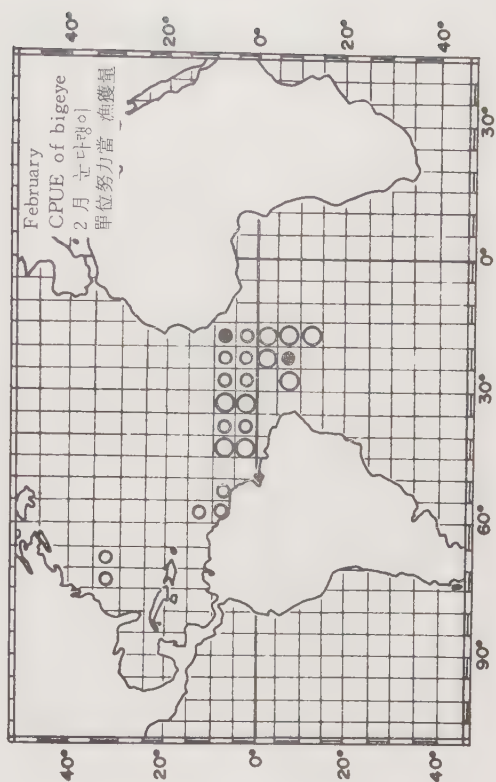
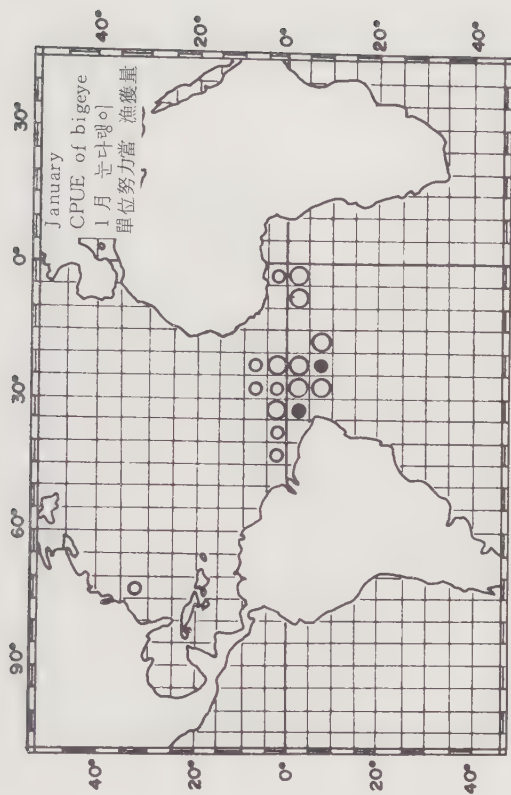


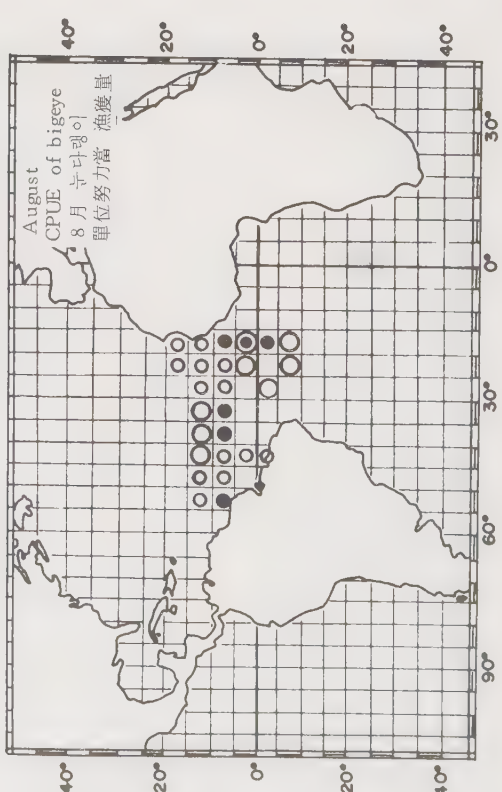
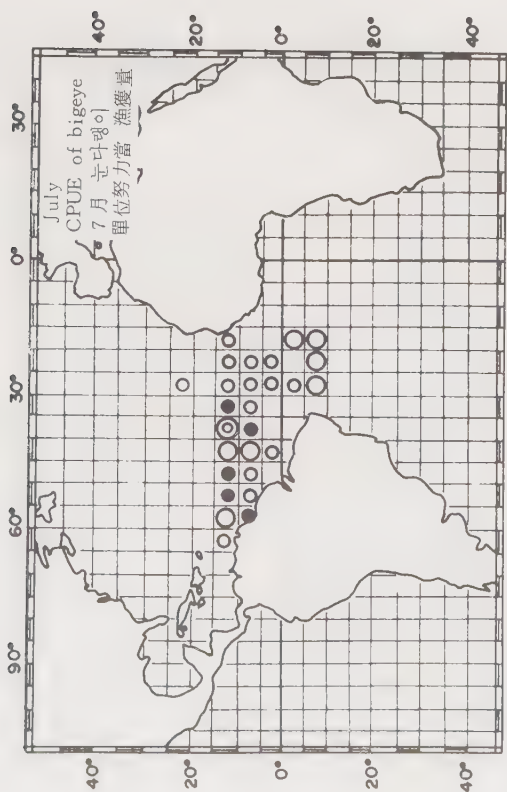
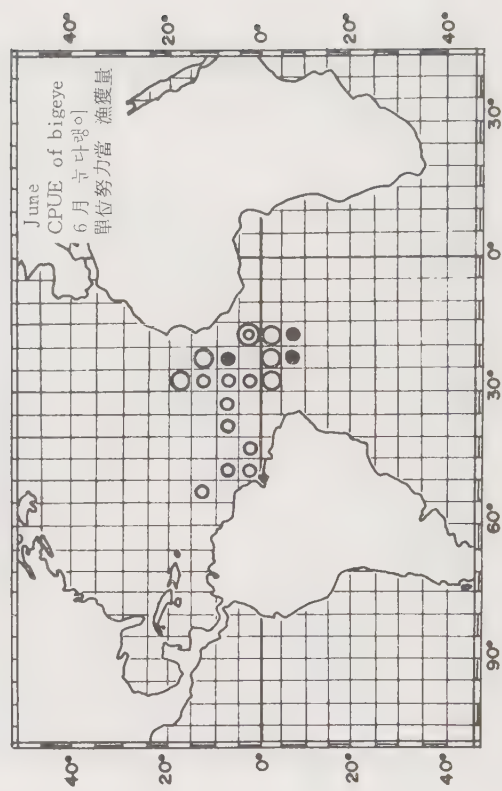
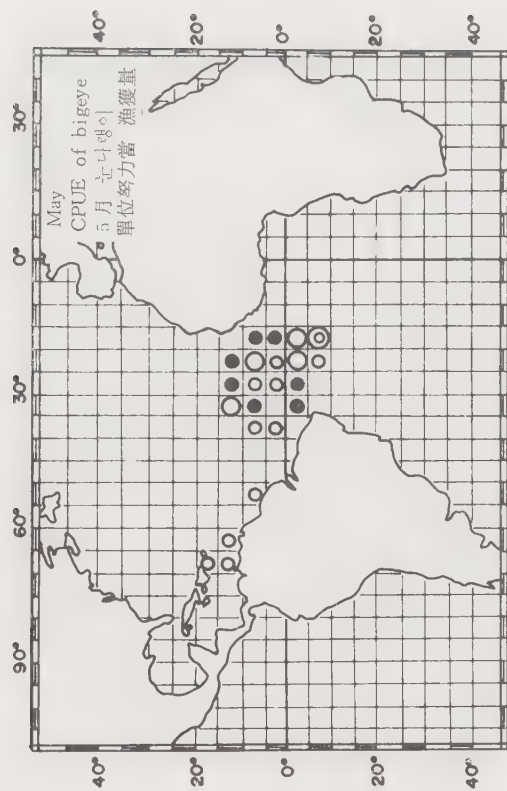
눈 다 랭 이

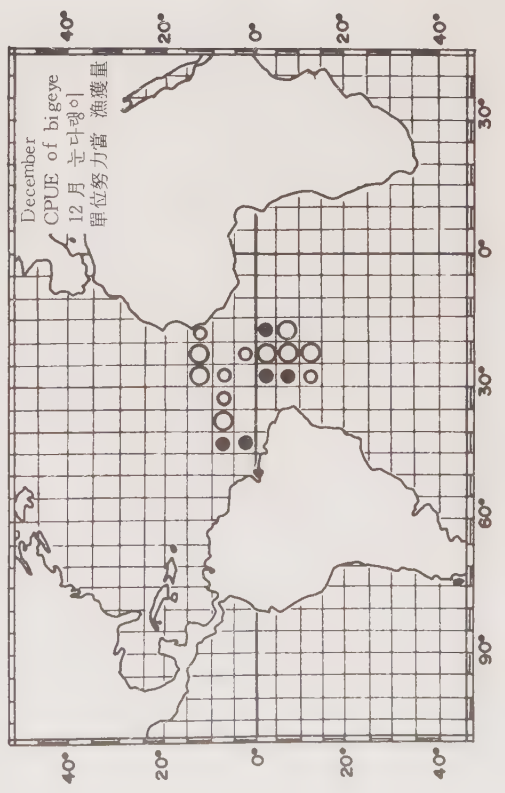
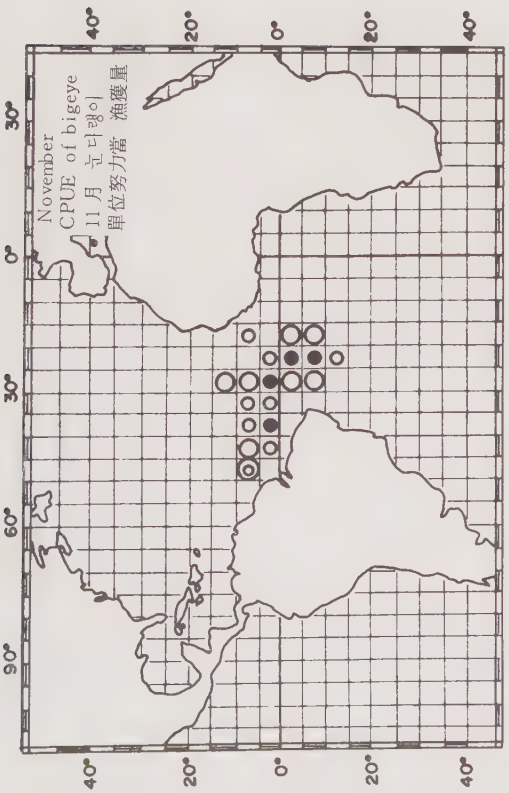
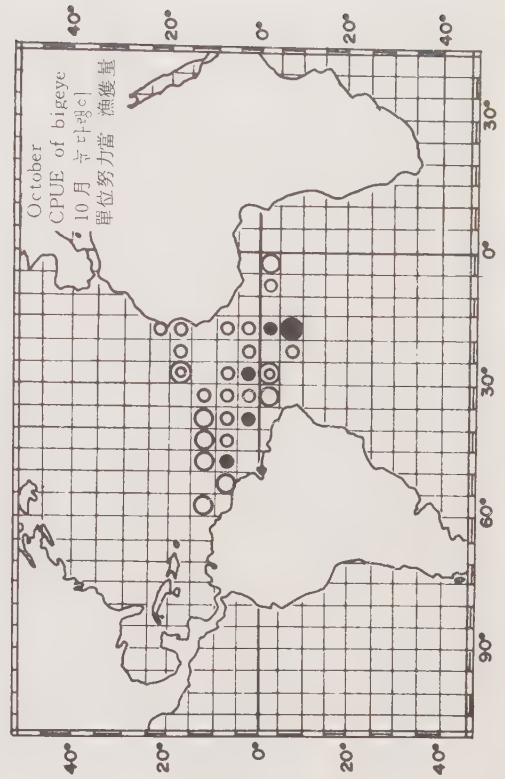
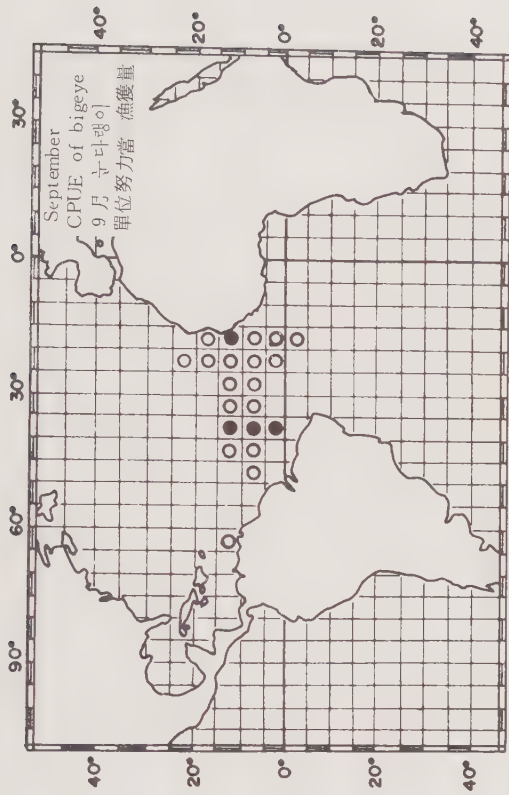
B i g e y e











印度洋

Indian Ocean

1. 全魚種의 分期別 月別 單位努力當 漁獲量 및 努力量 分布圖

Distribution of CPUE and fishing effort of
all species by month and by quarter

2. 魚種別 分期別 月別 單位努力當 漁獲量 및 努力量 分布圖
날개다랭이, 황다랭이, 눈다랭이

Distribution of CPUE and fishing effort
by species, month and by quarter

Albacore, Yellowfin, Bigeye

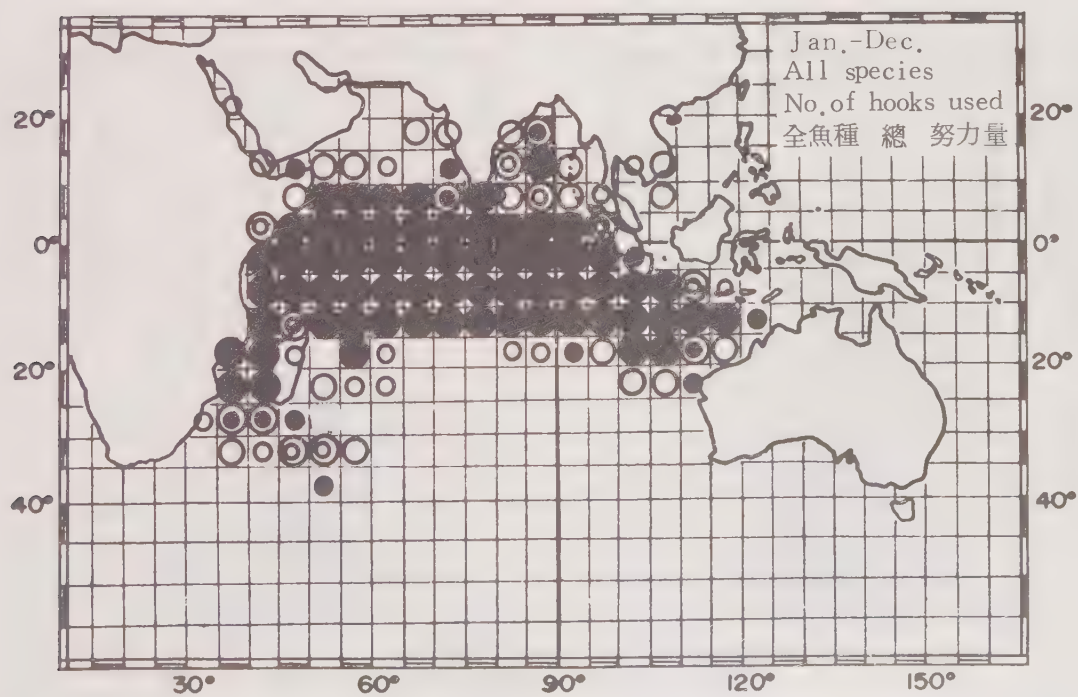
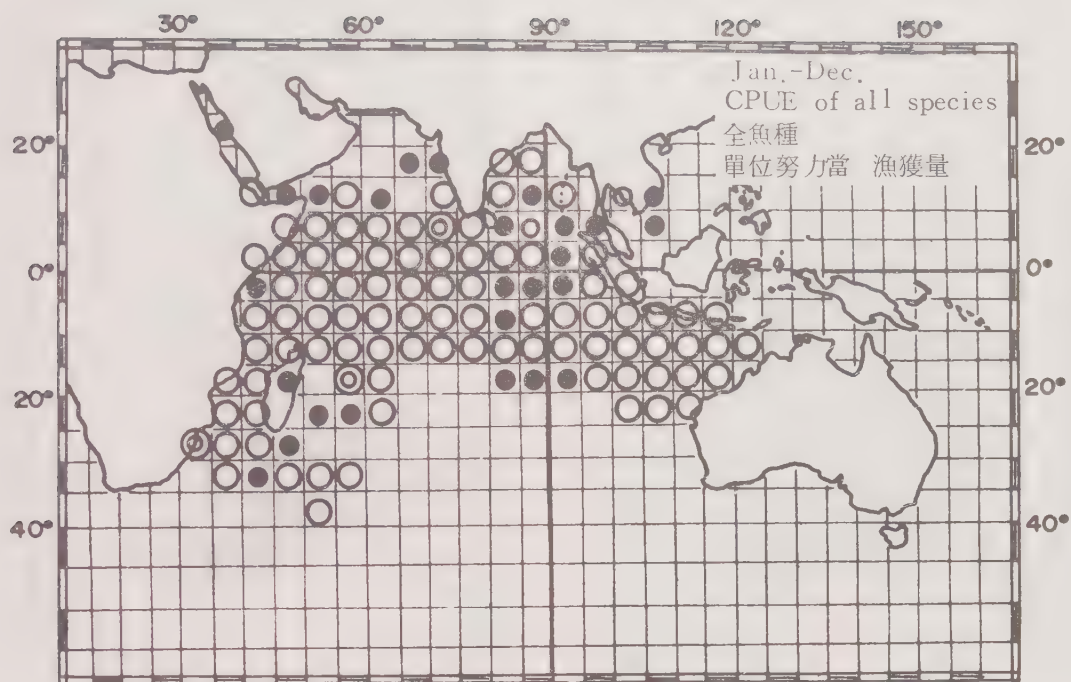
(CPUE : Number of fish per 100 hooks)

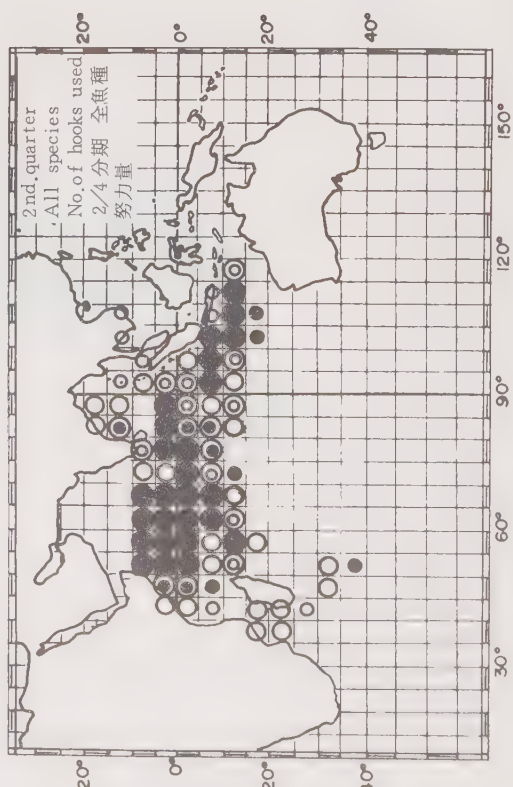
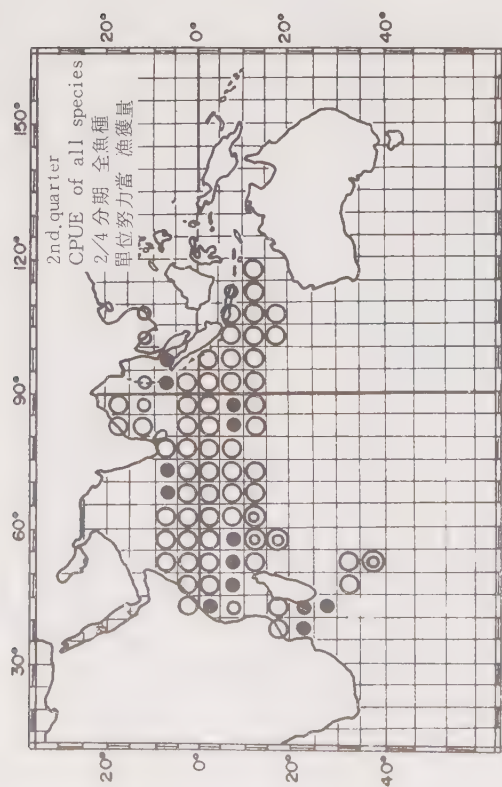
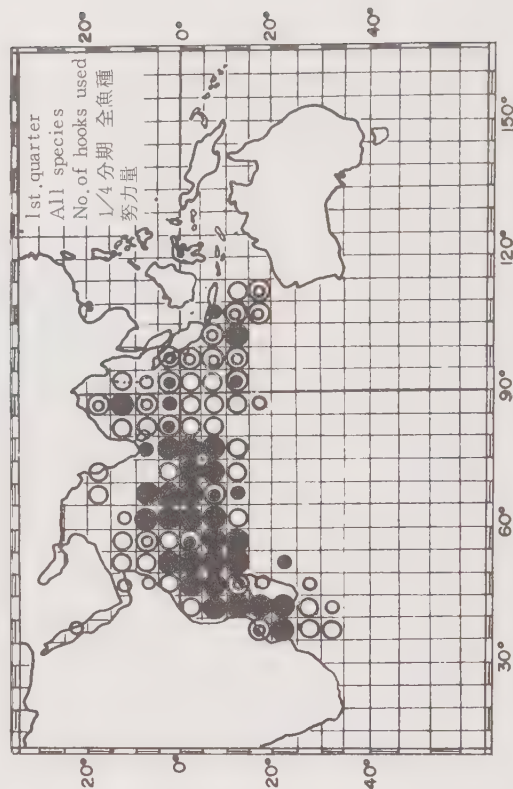
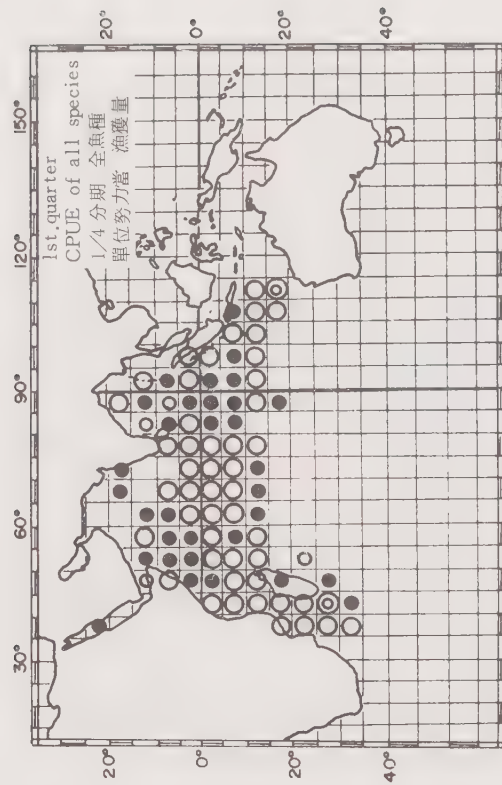
全 魚 種

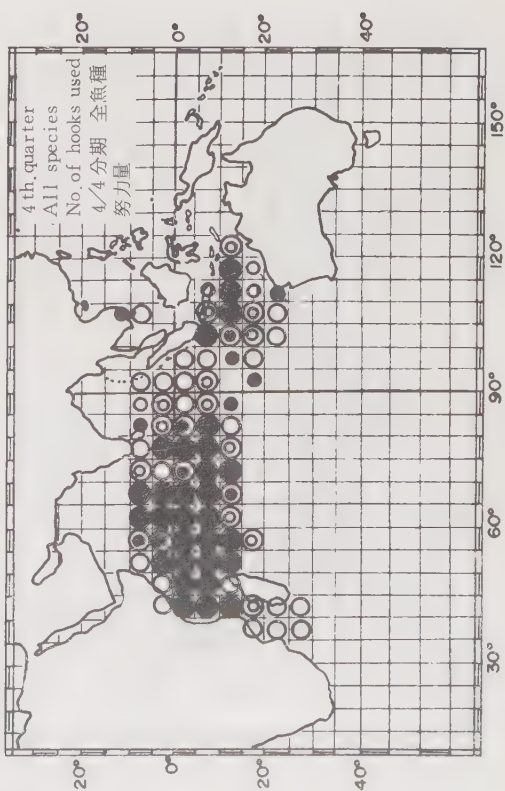
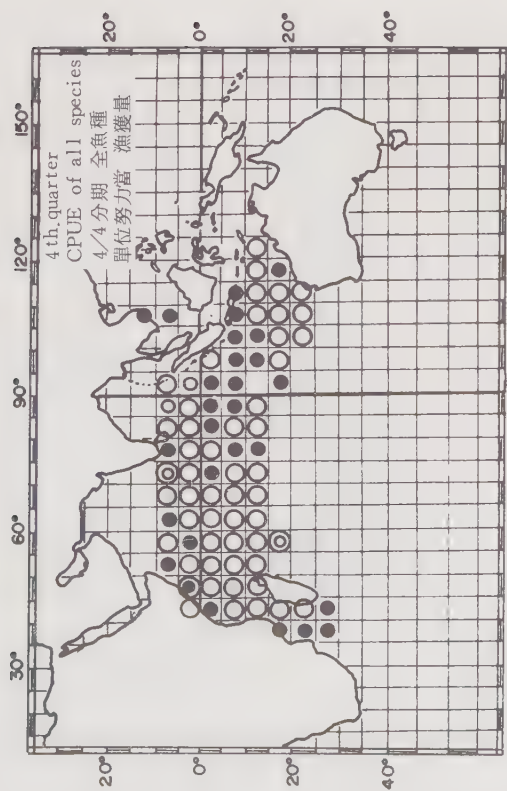
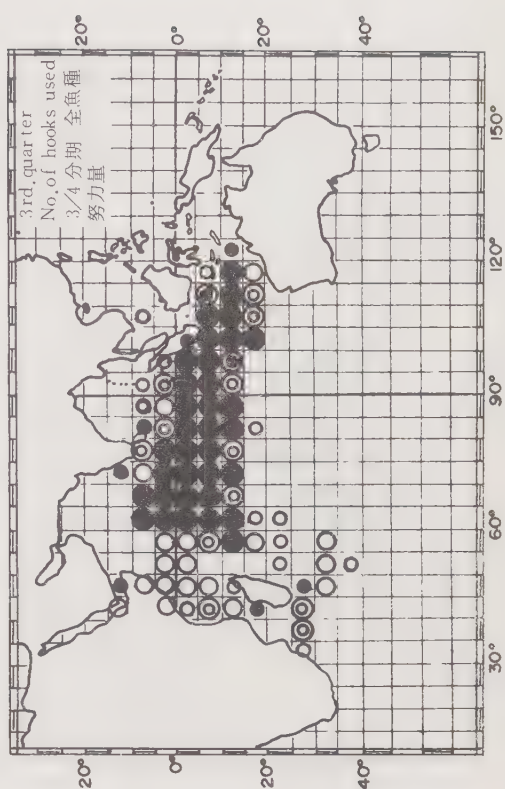
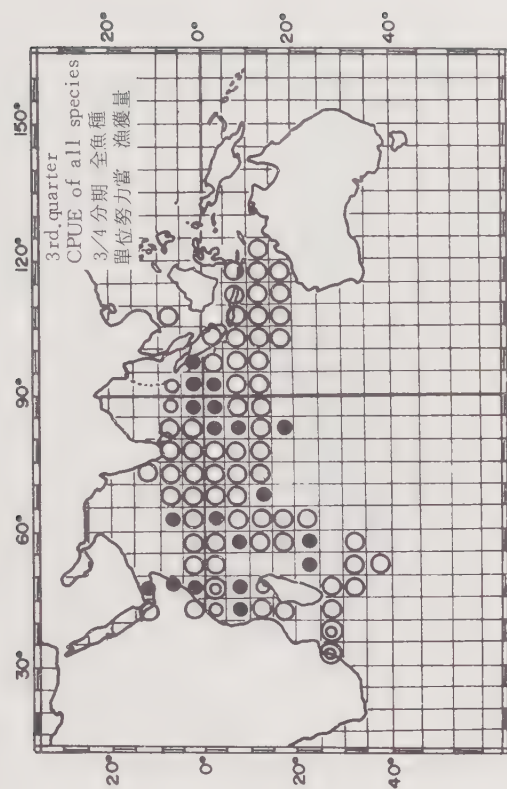
分期別 月別 單位努力當 漁獲量 隻 努力量 分布圖

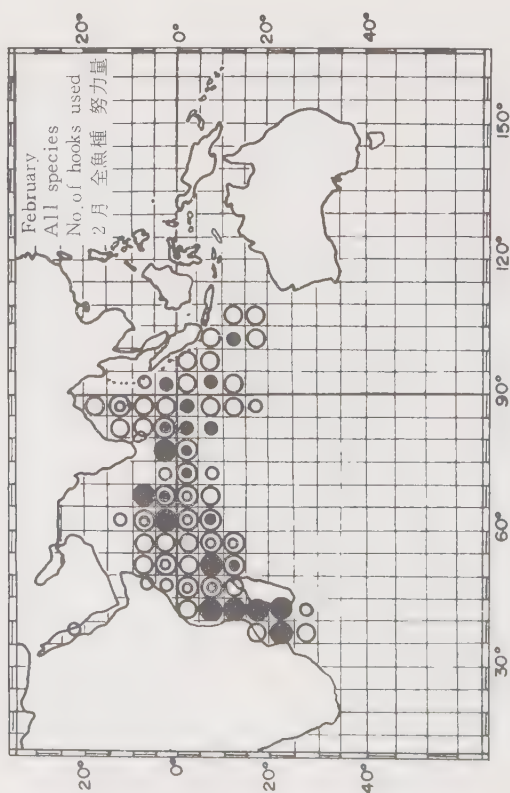
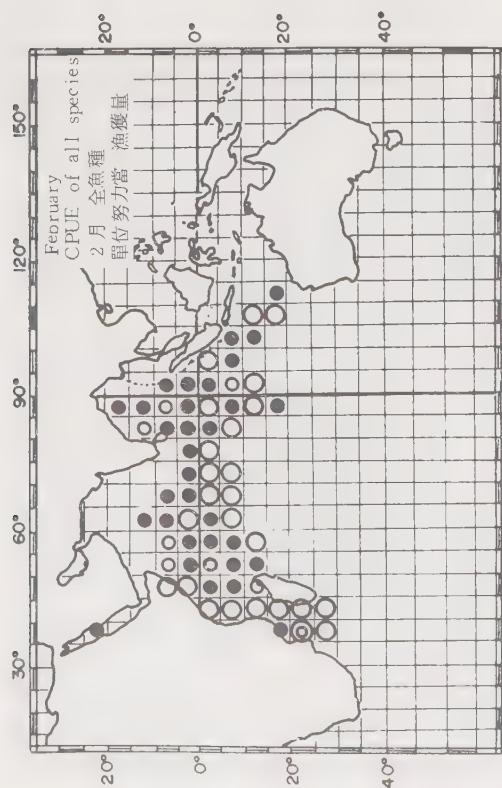
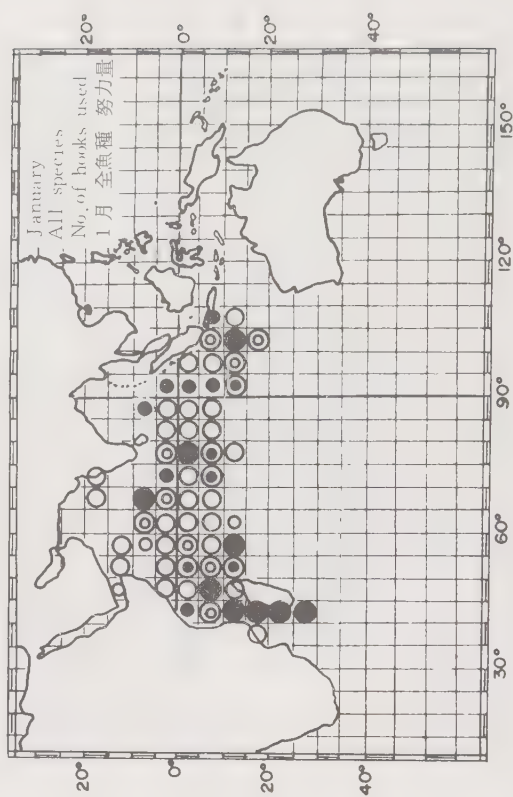
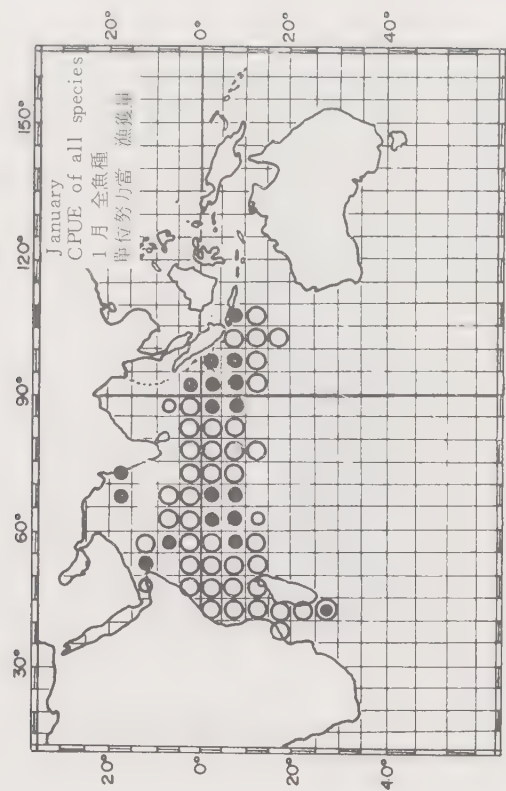
All species

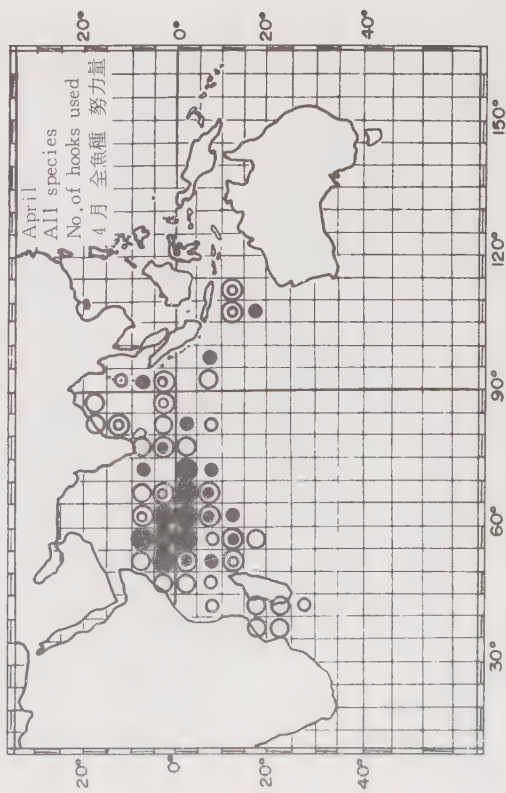
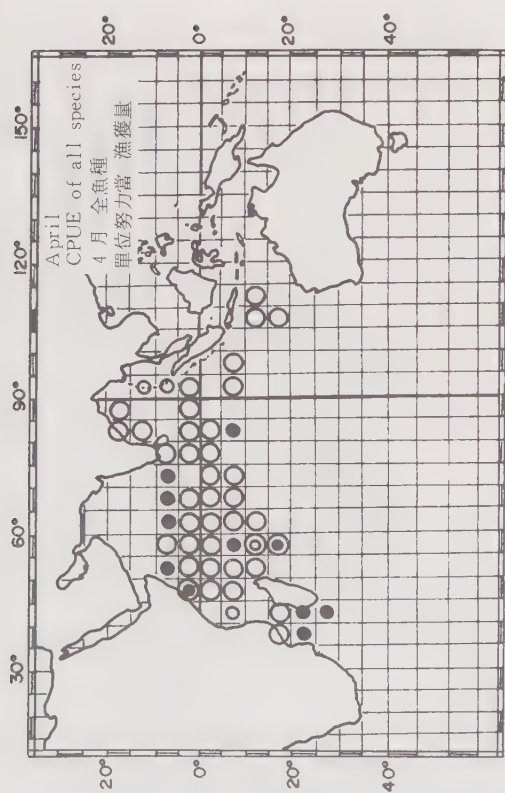
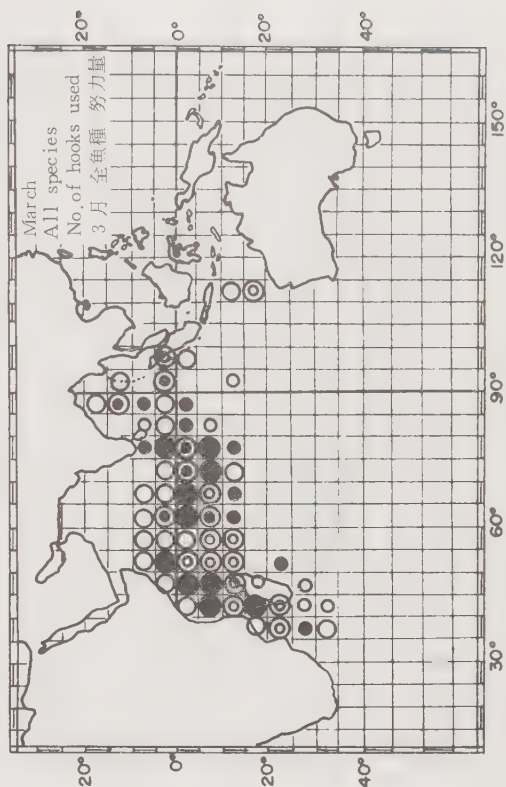
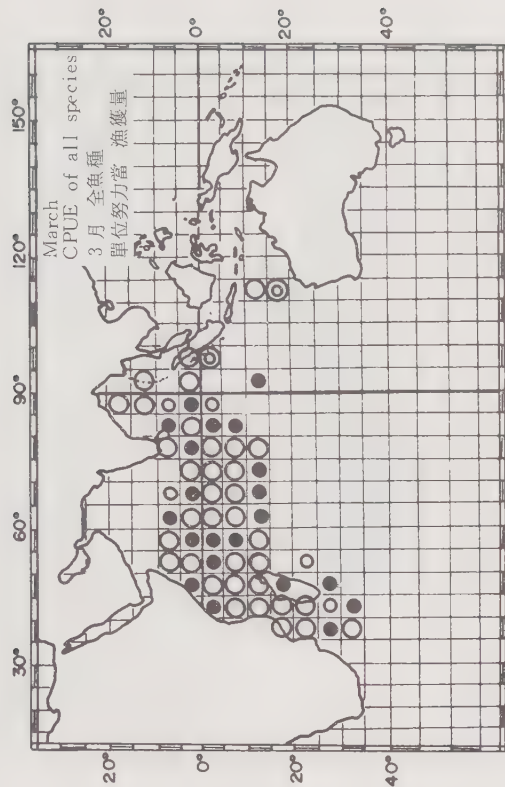
CPUE and fishing effort by month and by quarter

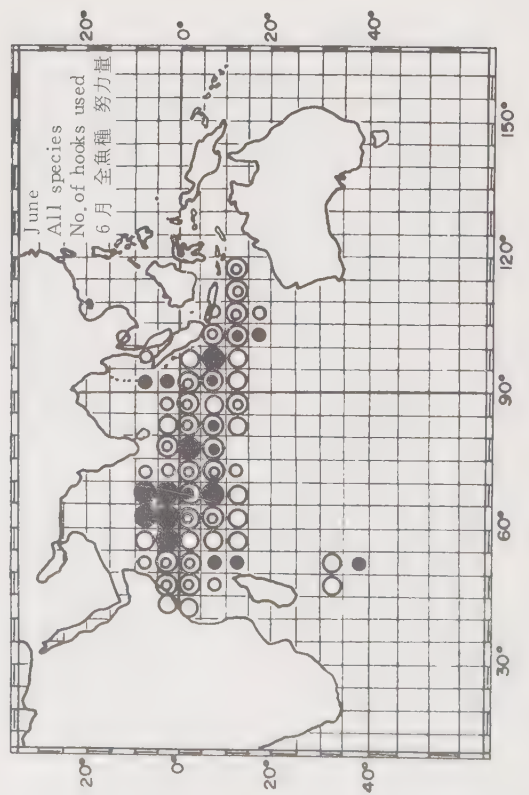
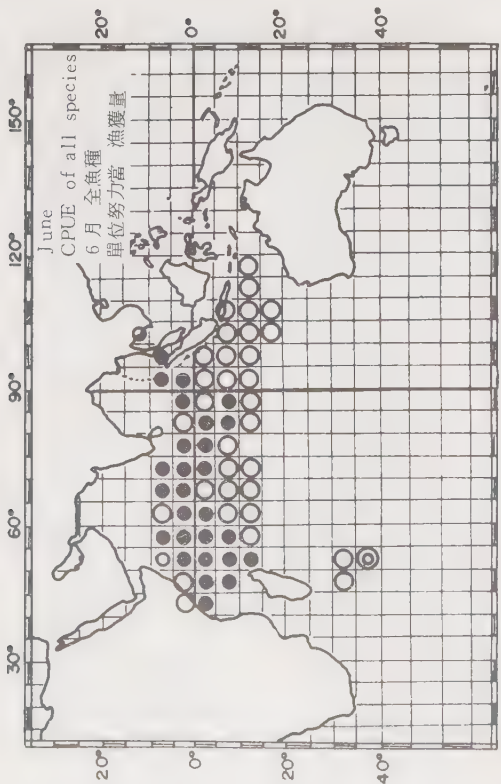
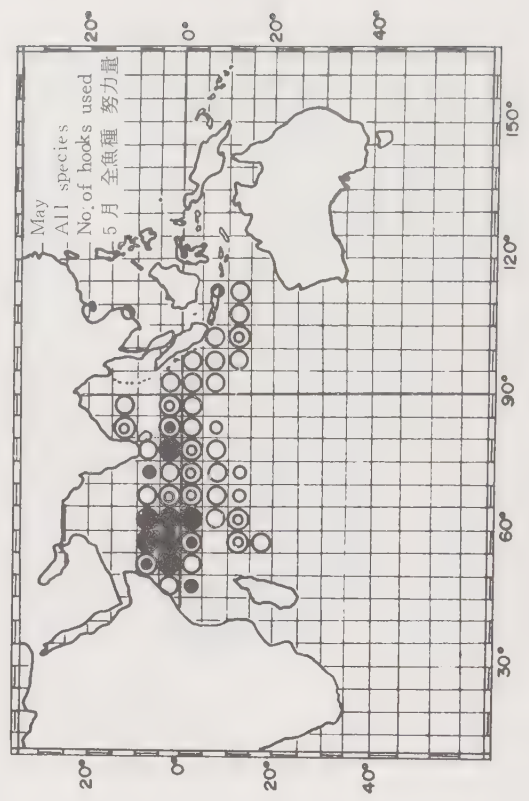
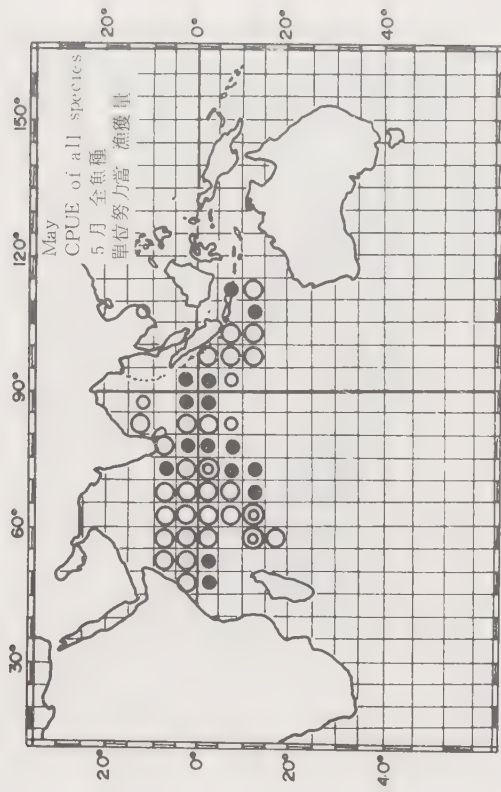


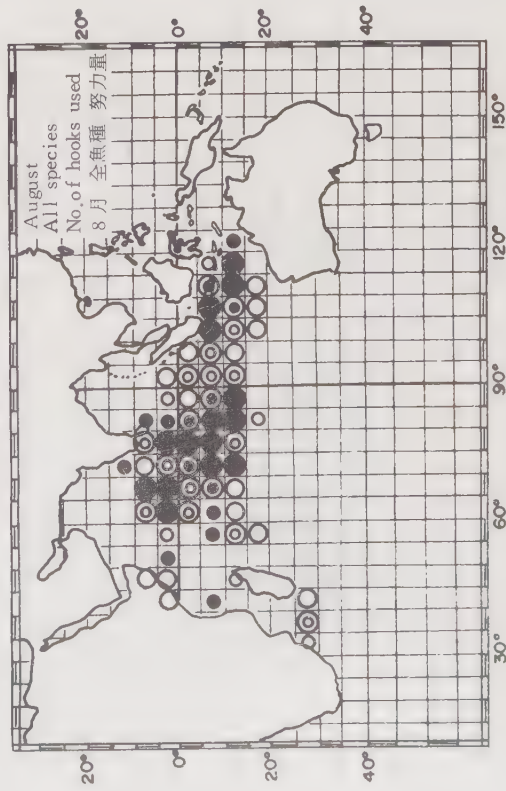
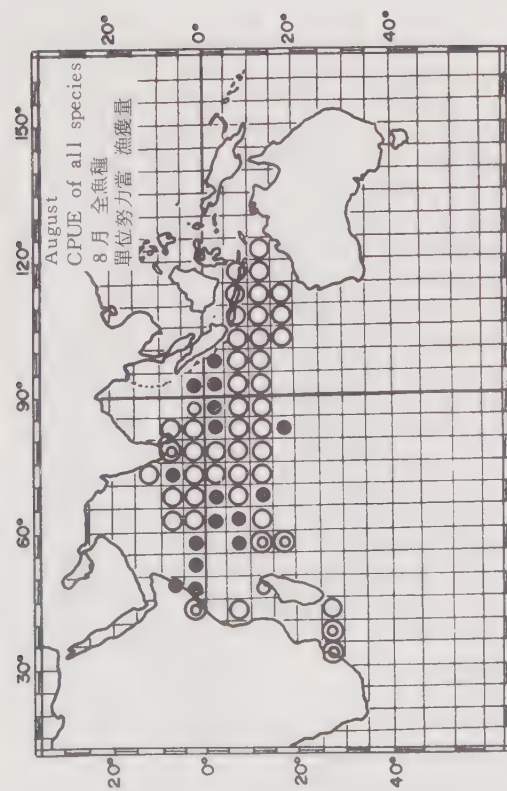
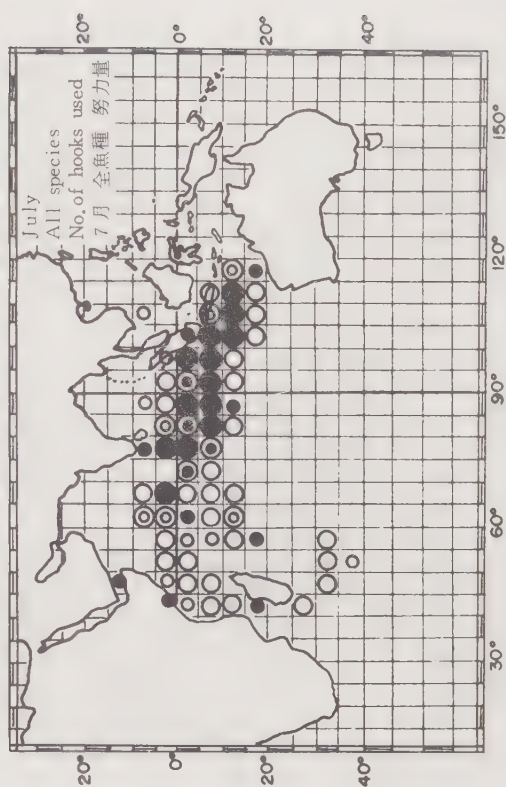
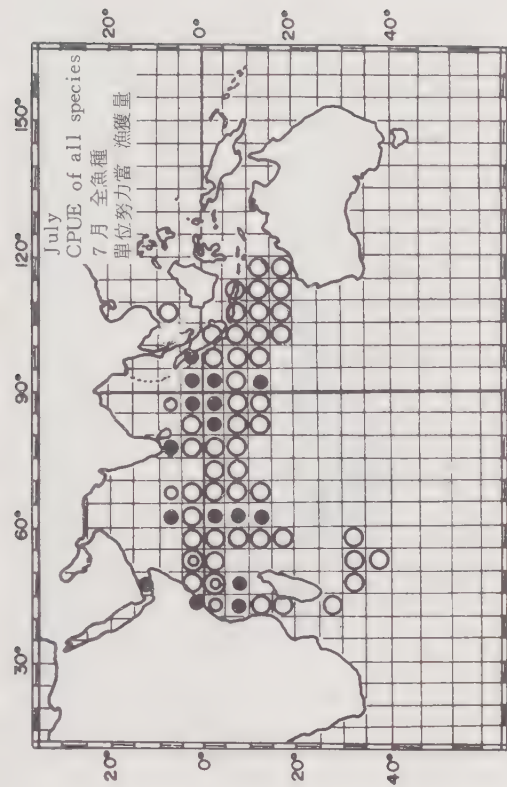


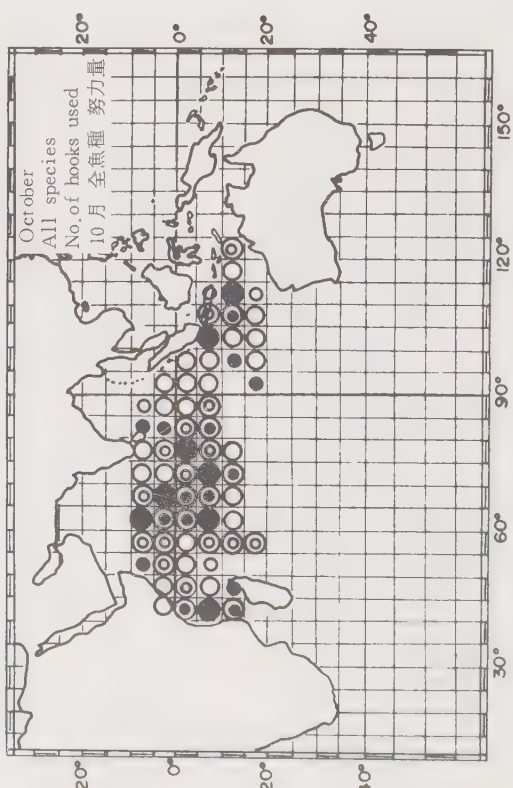
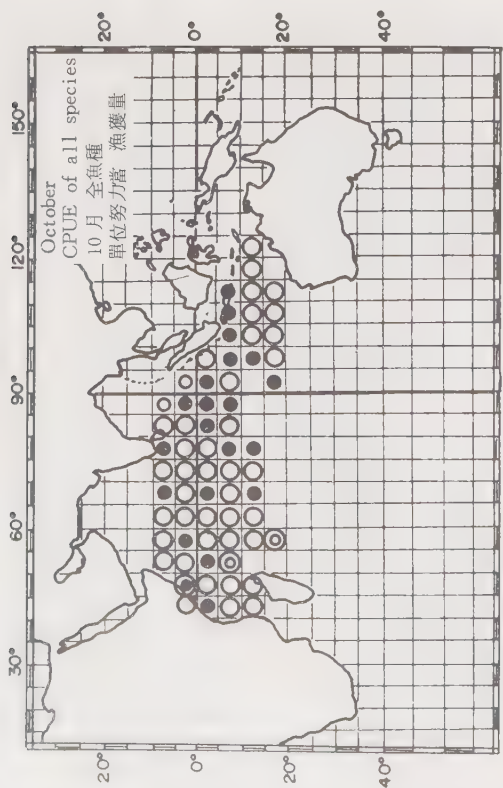
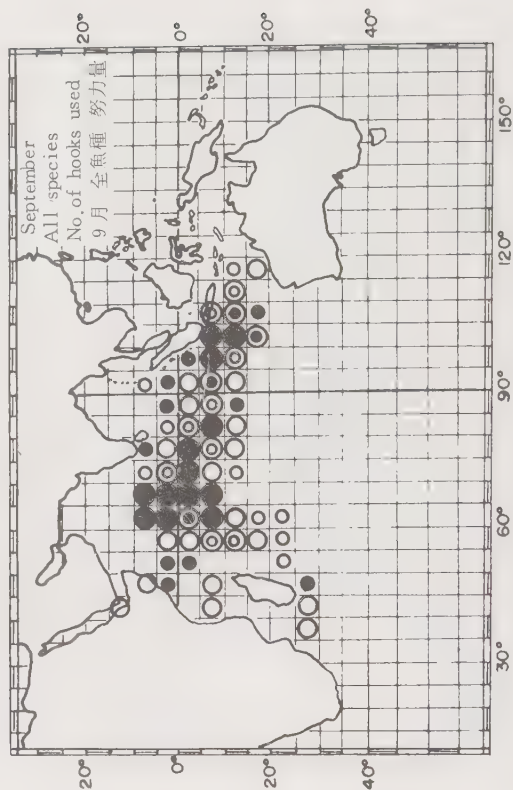
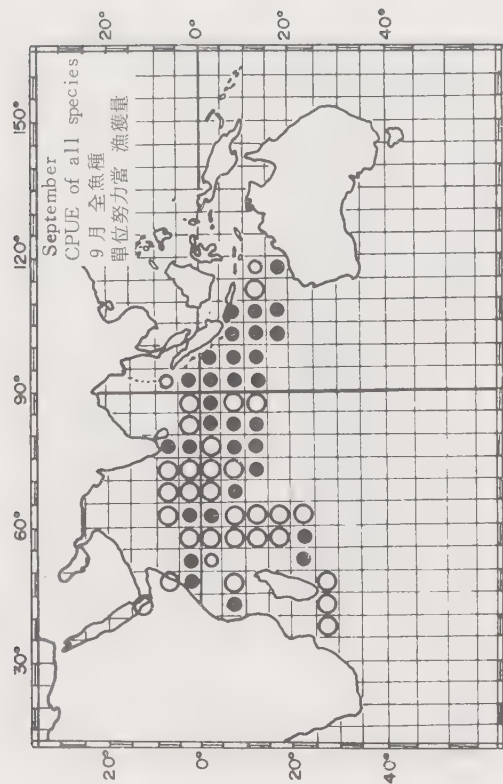


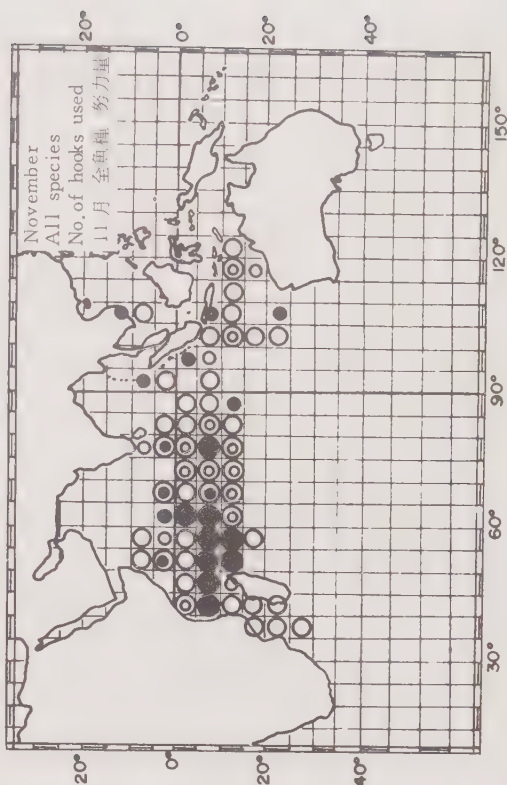
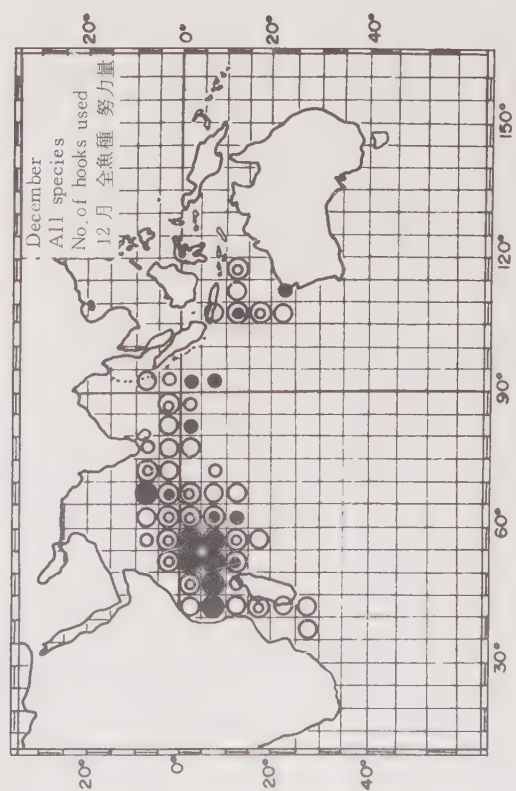
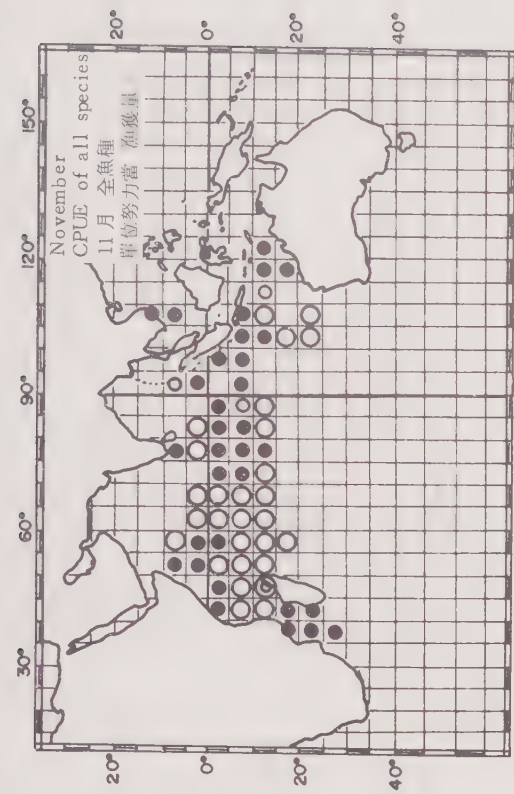
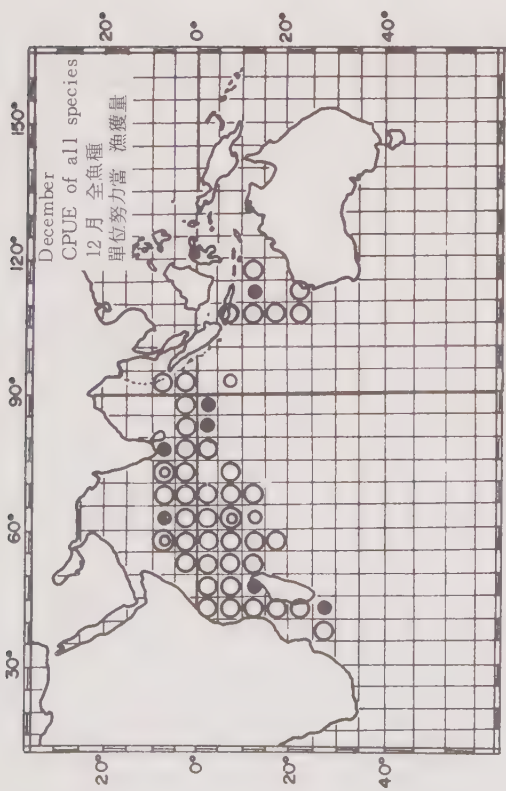












날개다랭이, 황다랭이, 눈다랭이

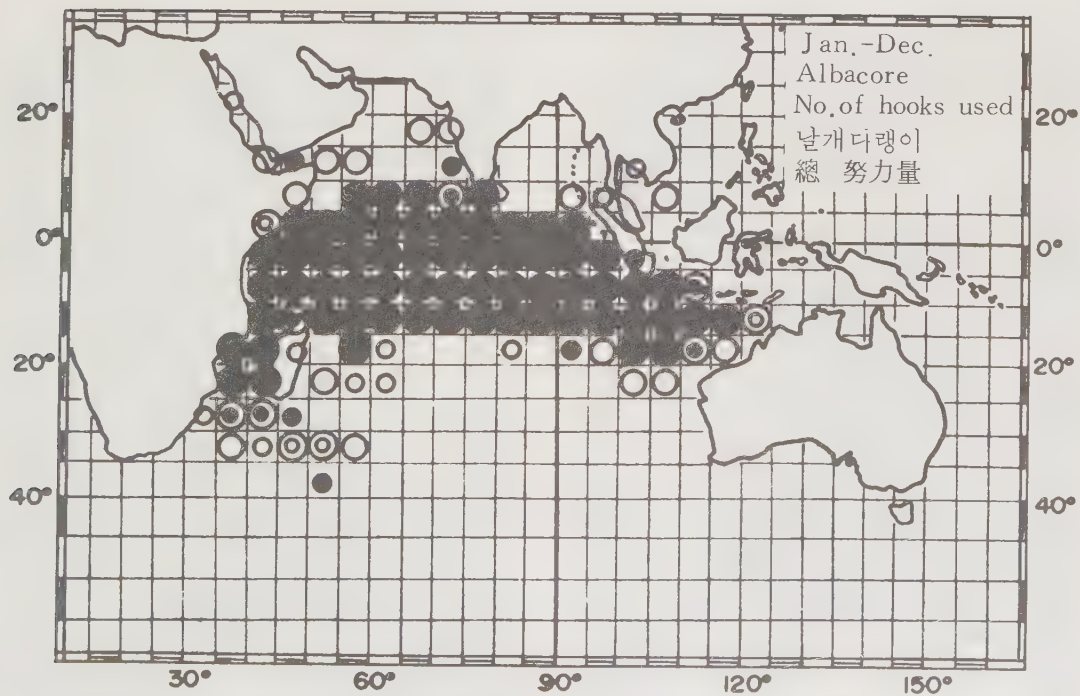
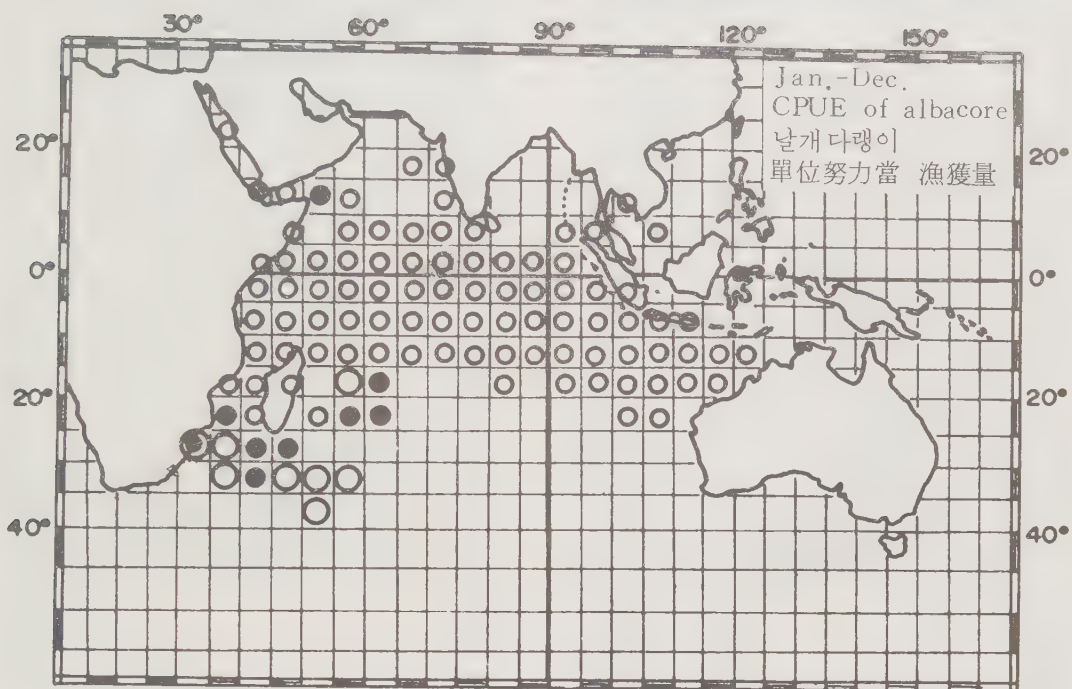
單位努力當 漁獲量 및 努力量 分布圖

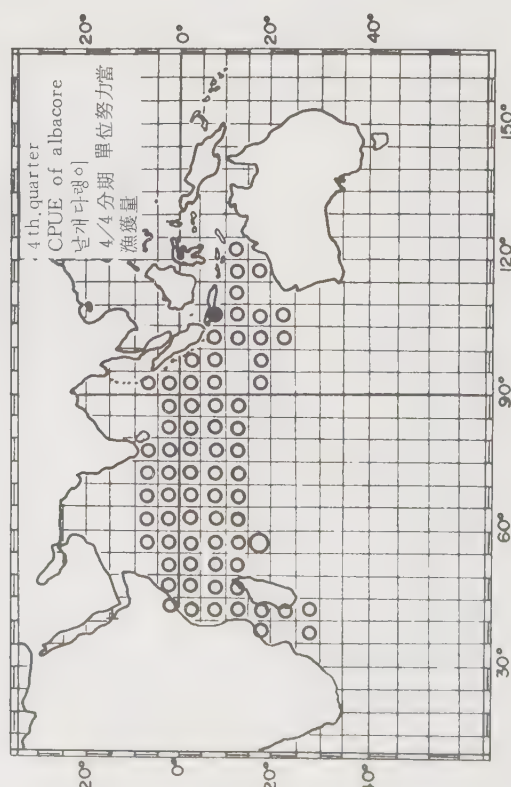
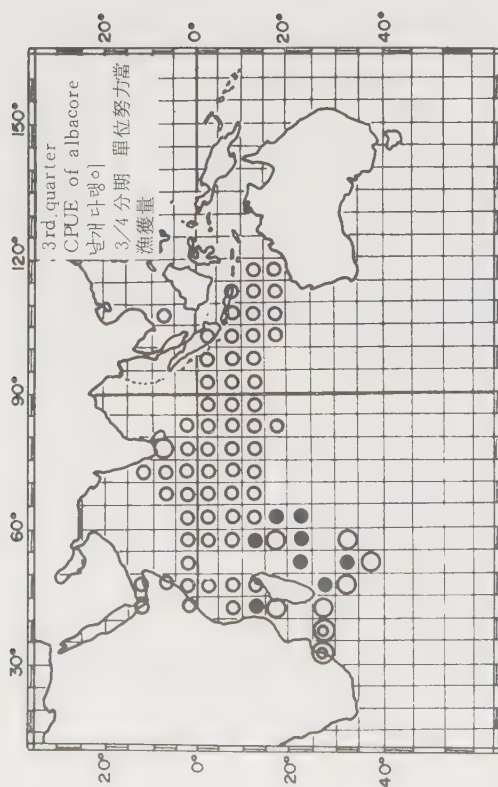
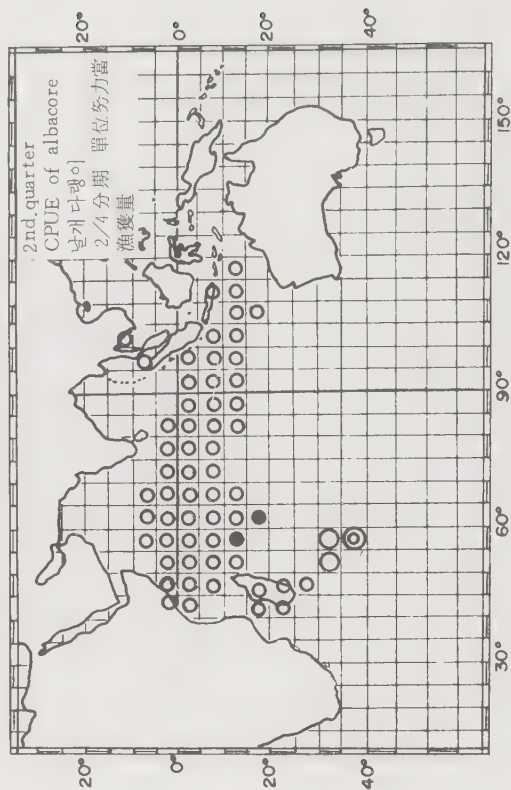
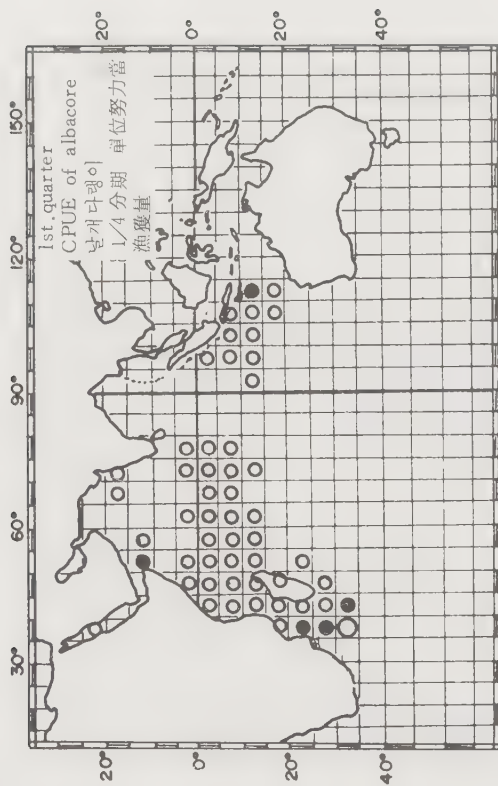
Albacore, Yellowfin, Bigeye

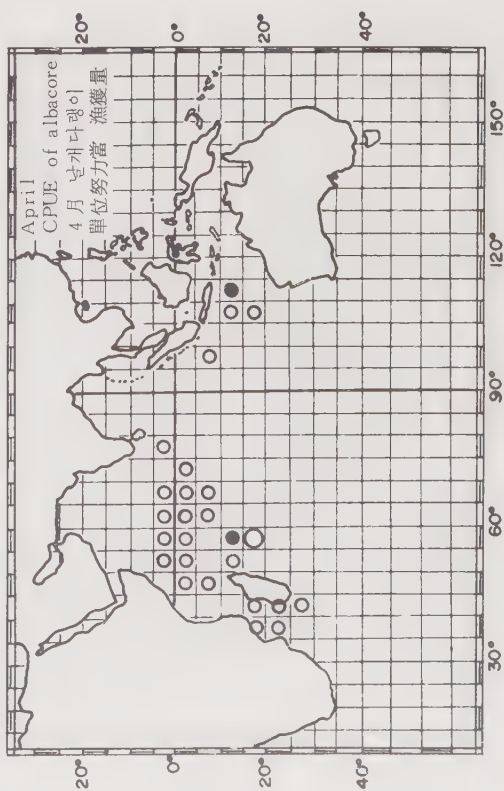
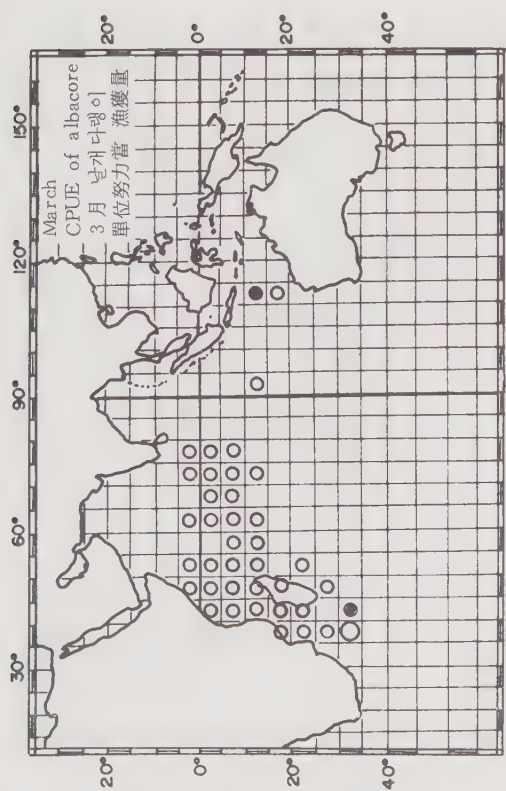
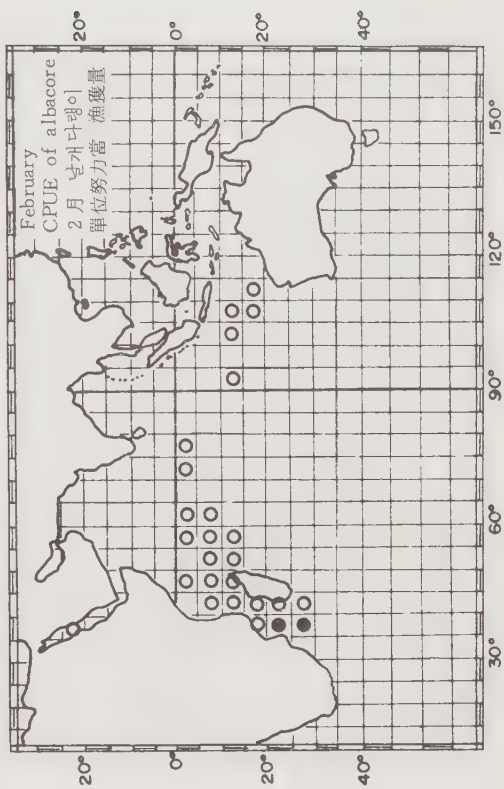
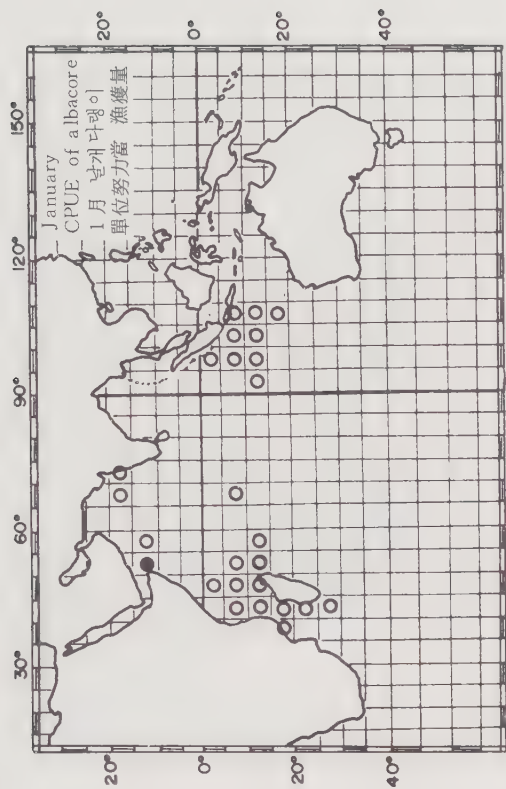
CPUE and fishing effort

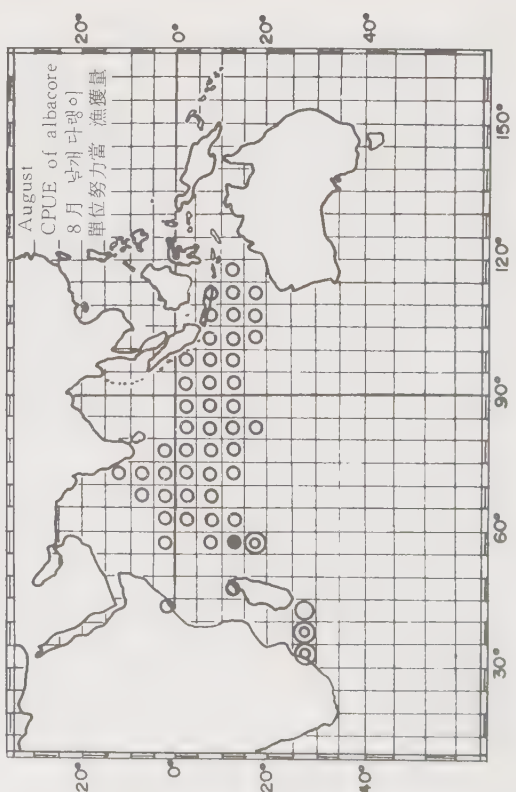
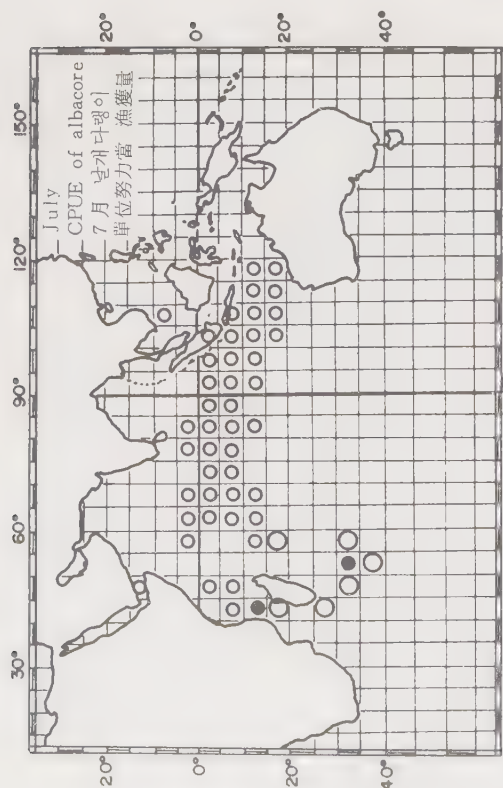
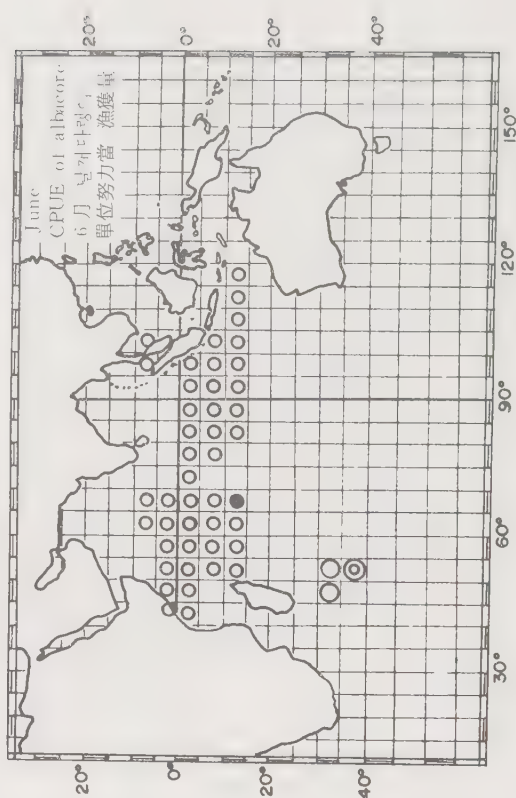
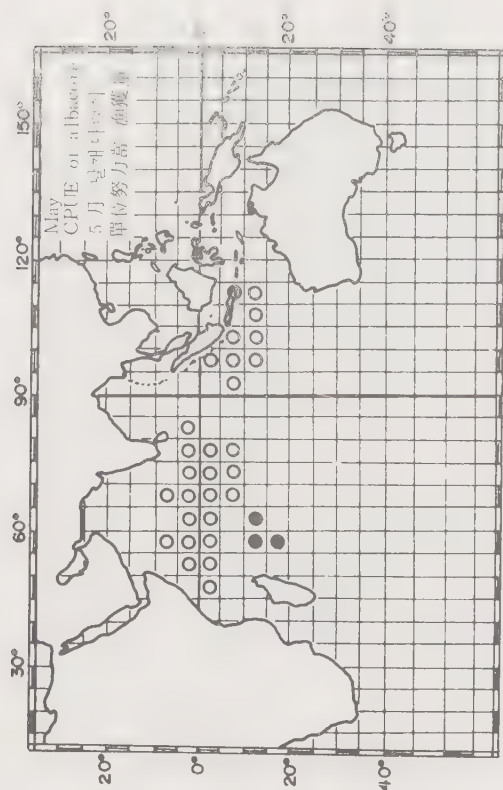
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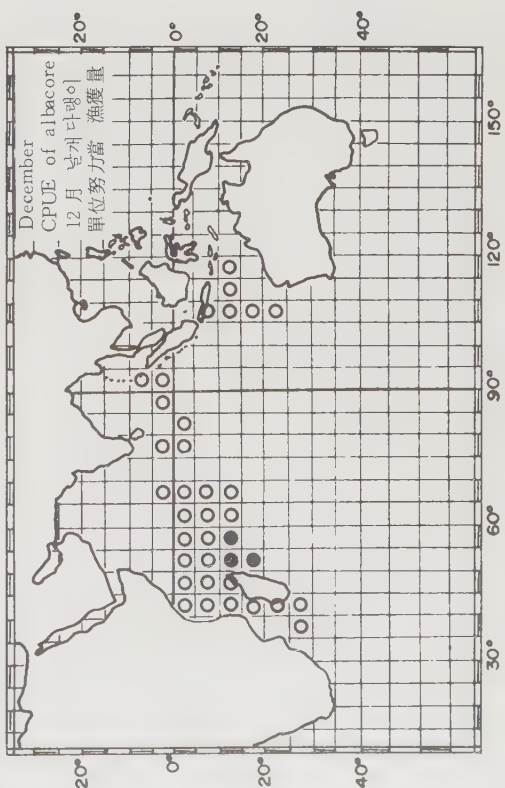
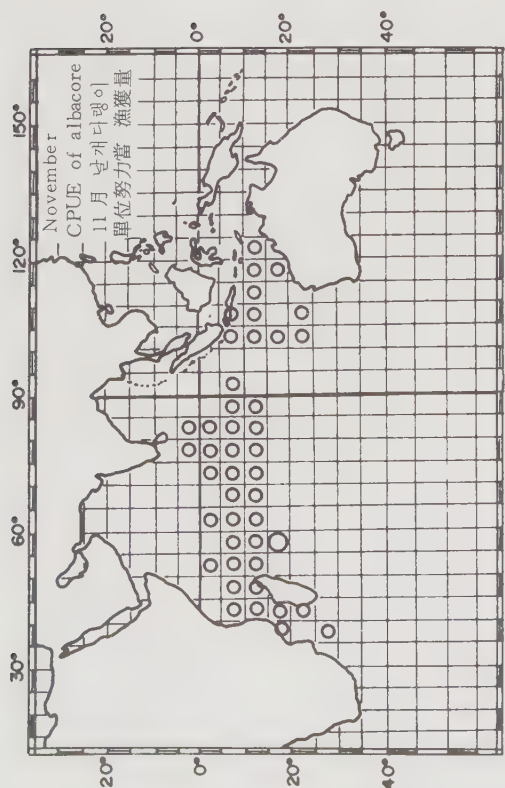
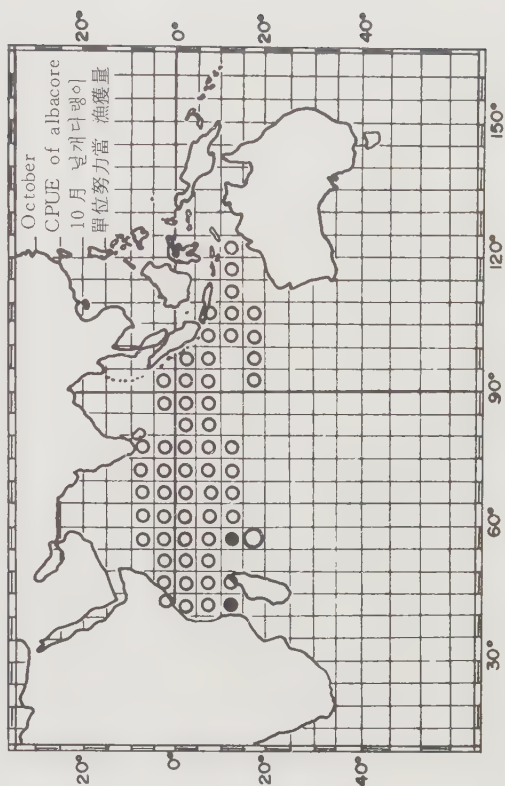
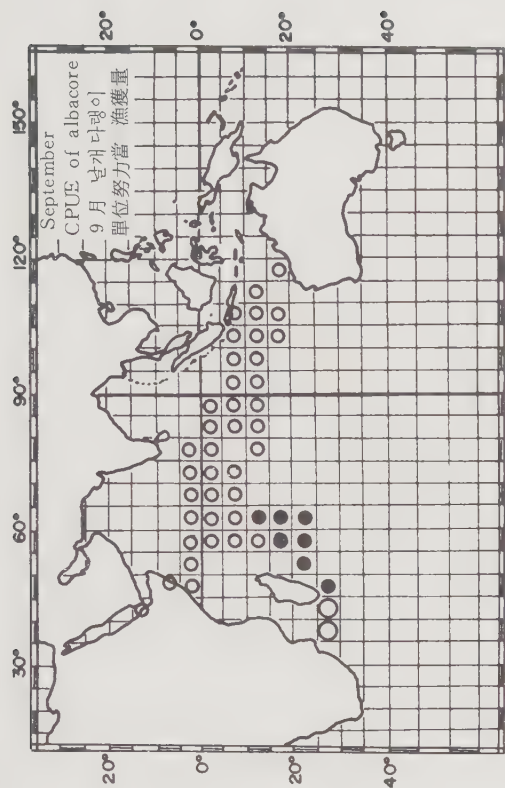
Albacore





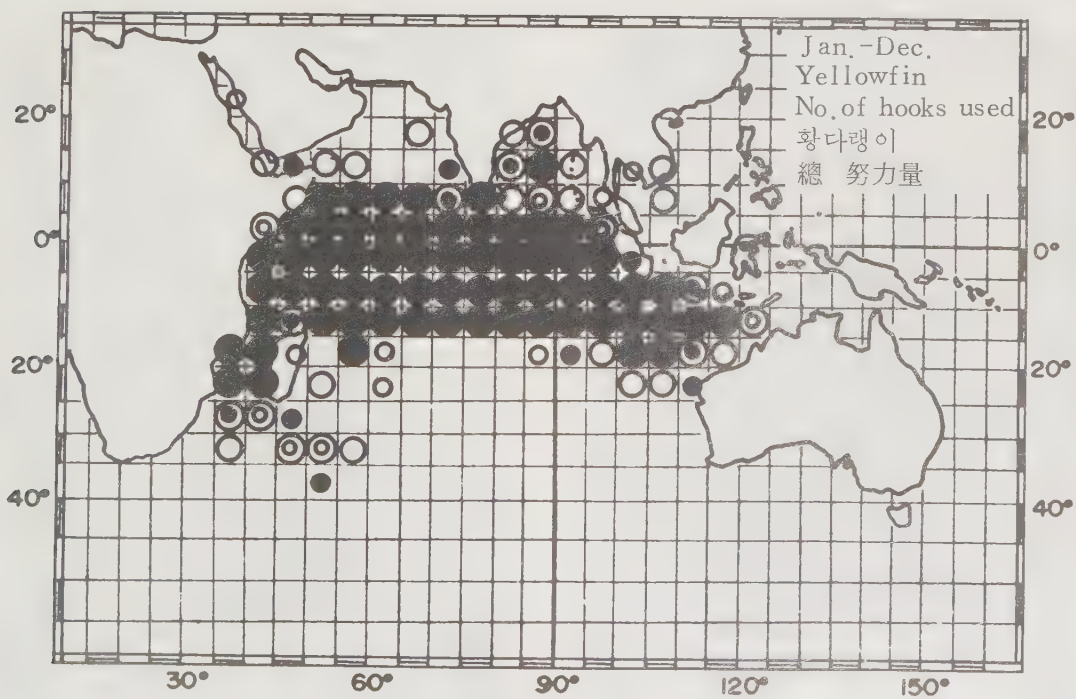
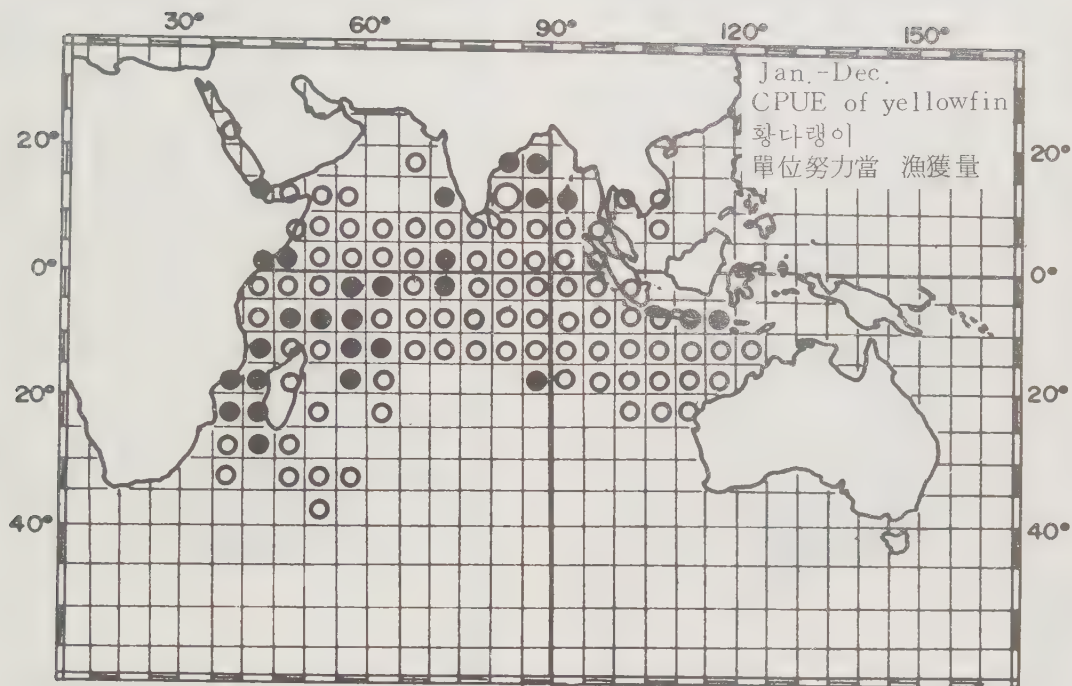


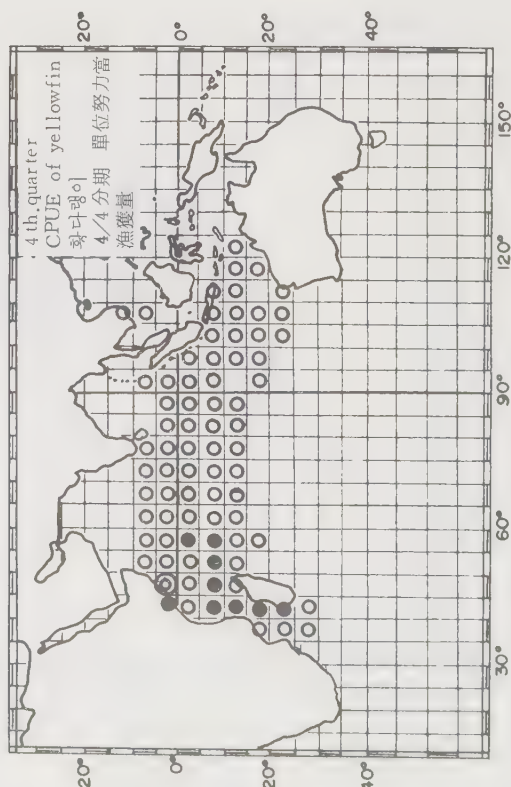
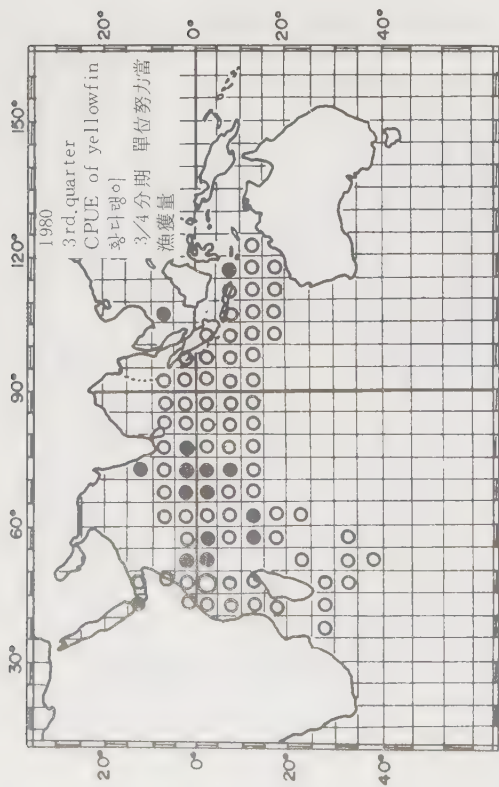
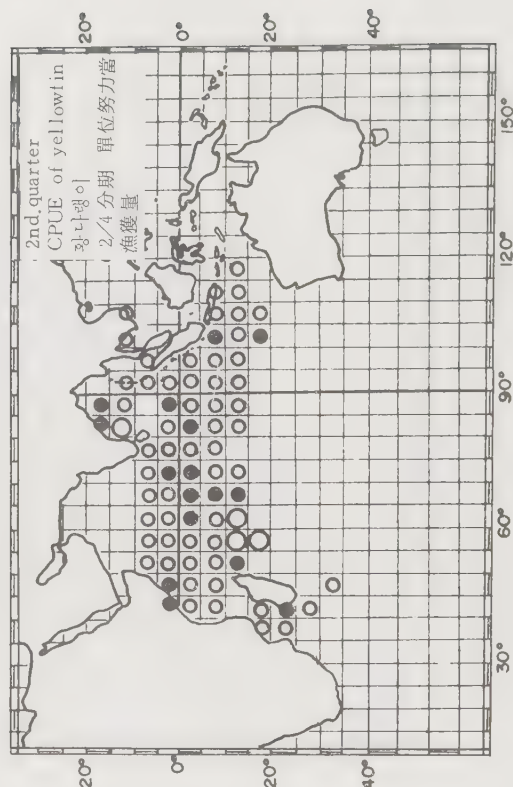
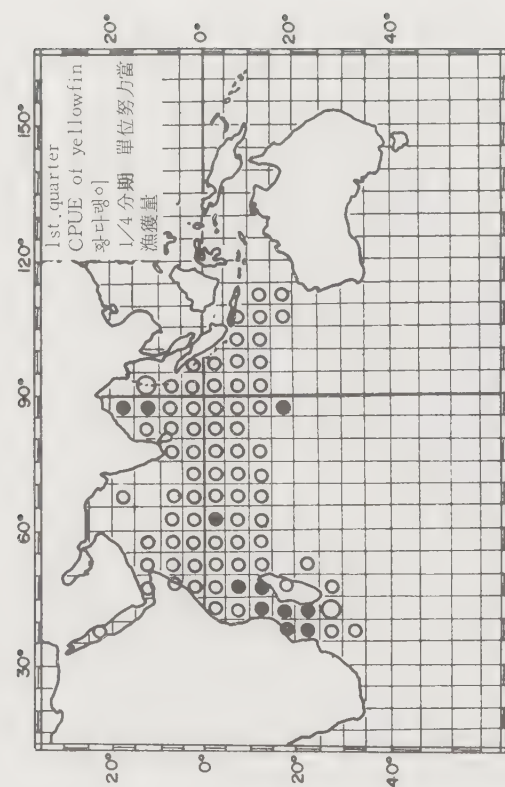


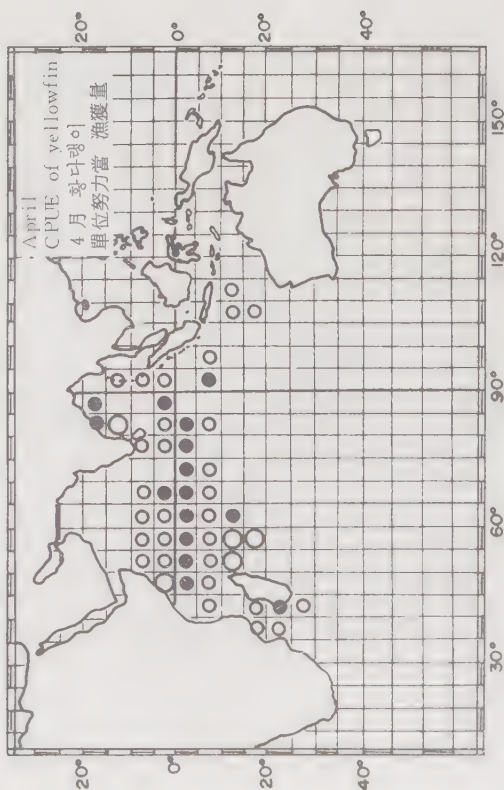
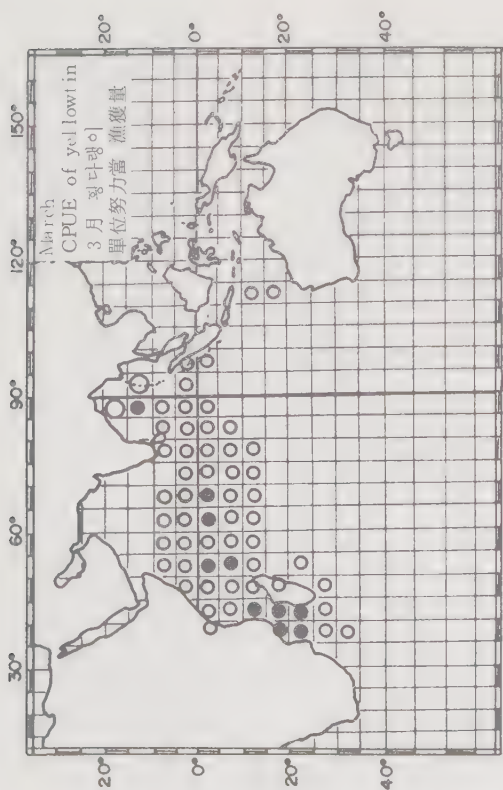
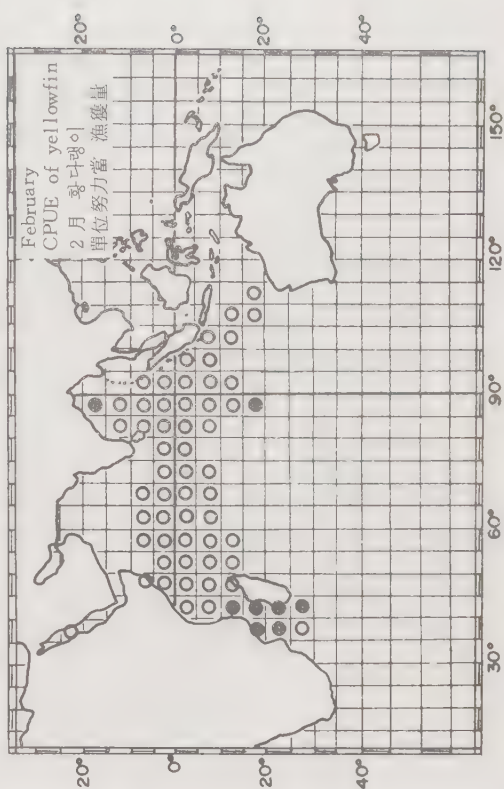
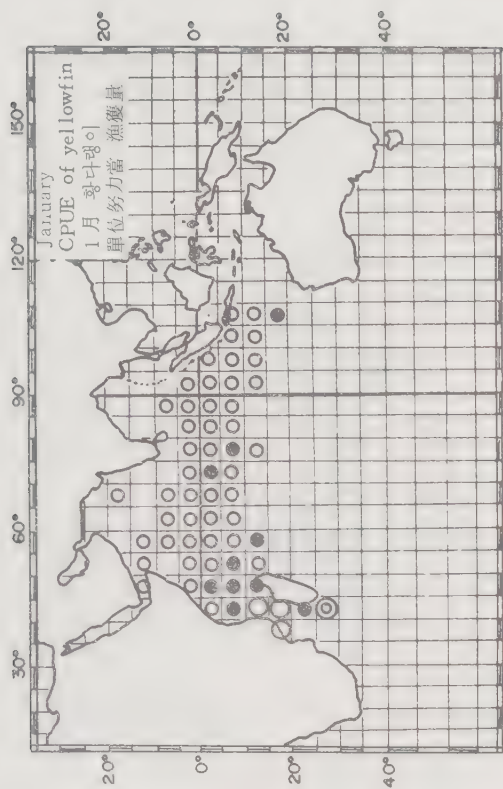


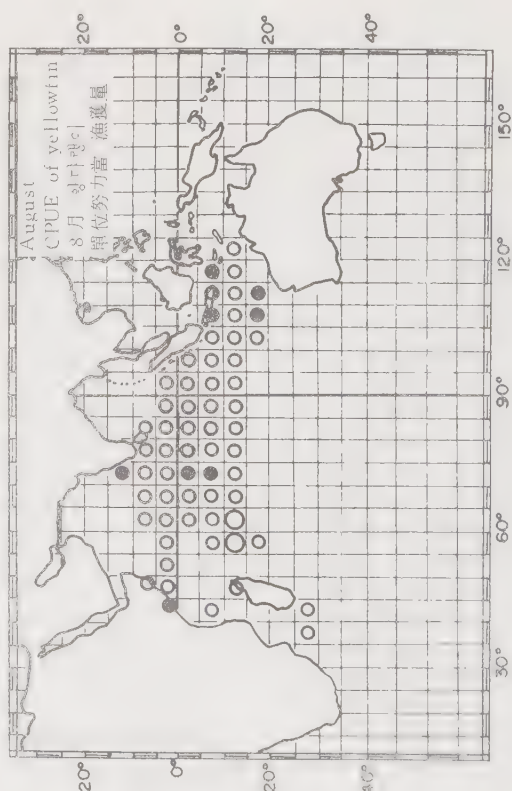
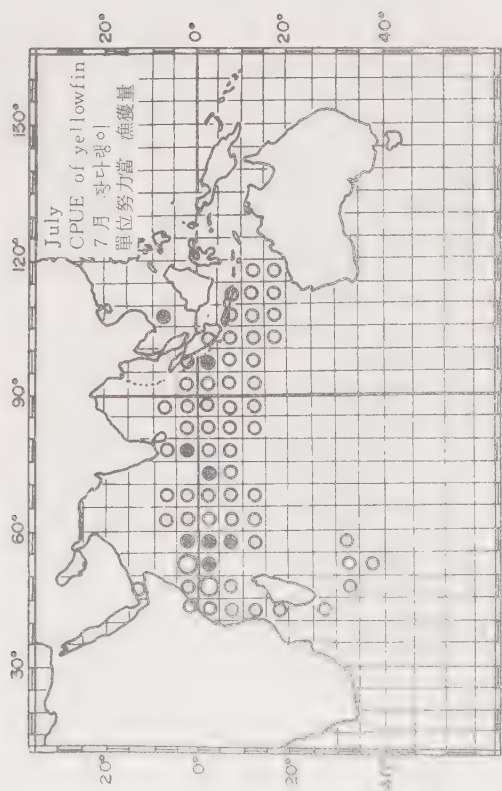
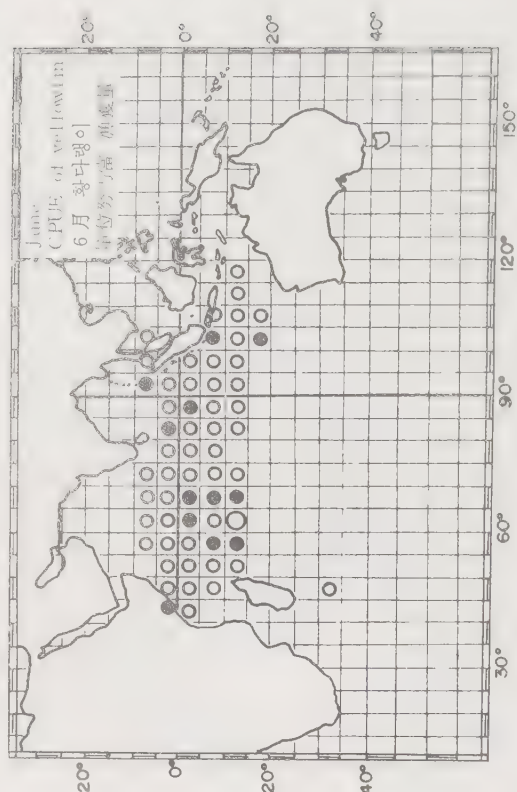
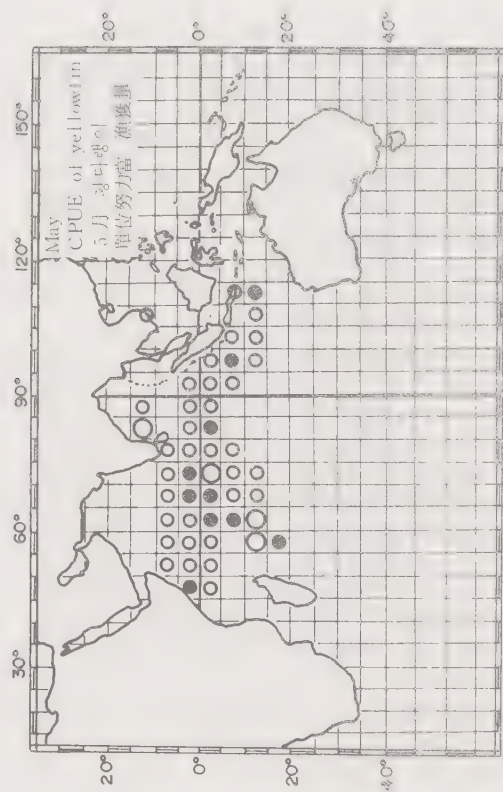
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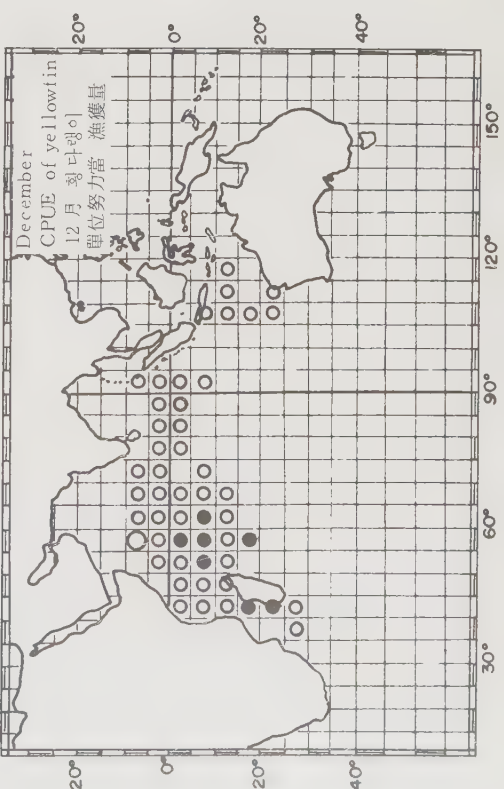
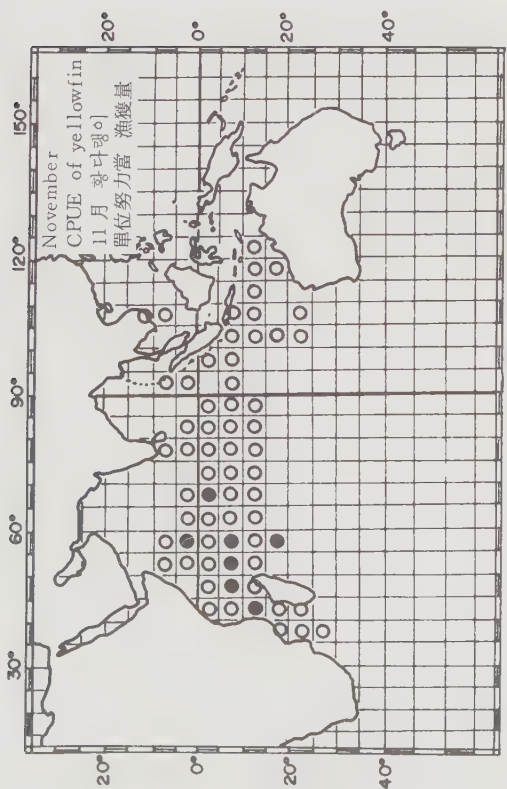
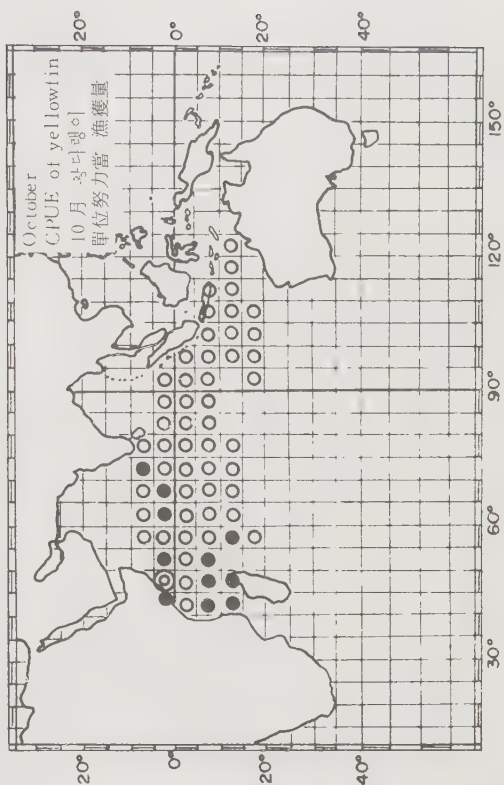
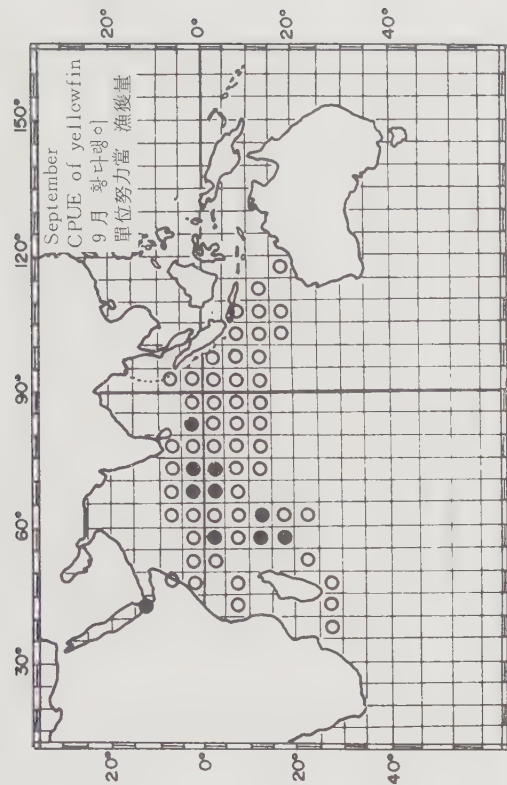
Yellowfin





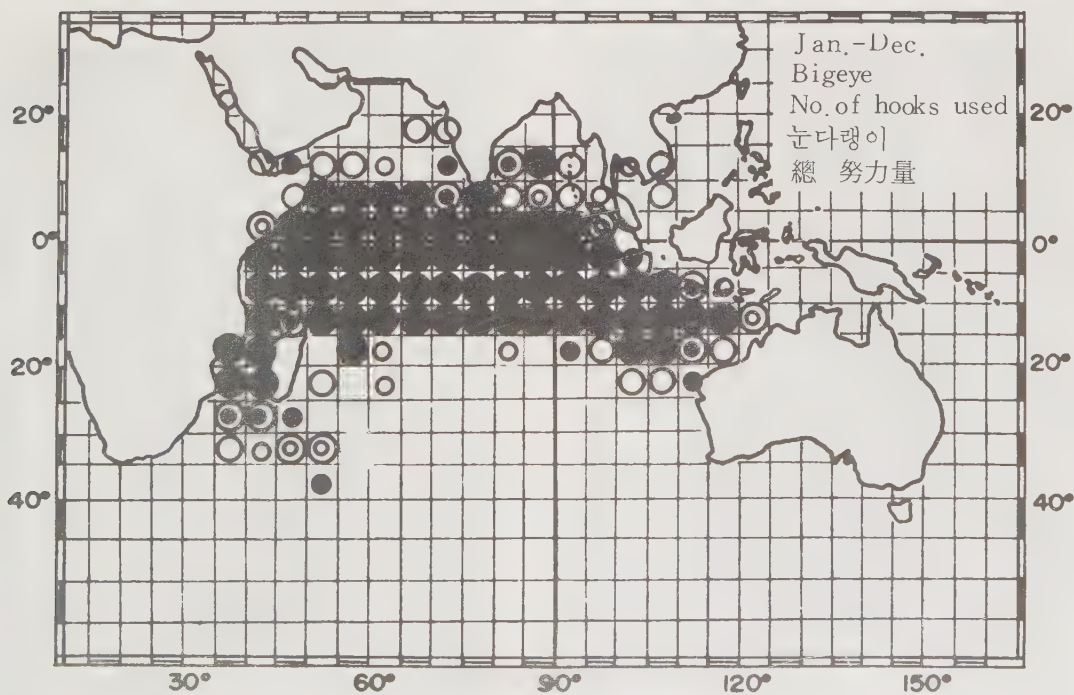
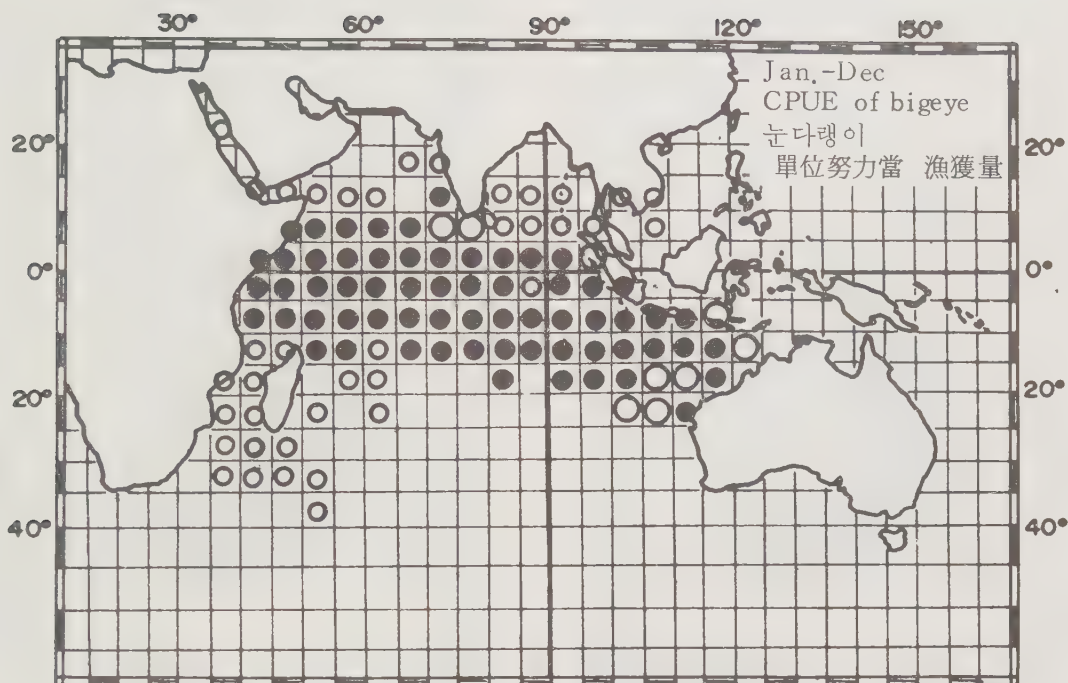


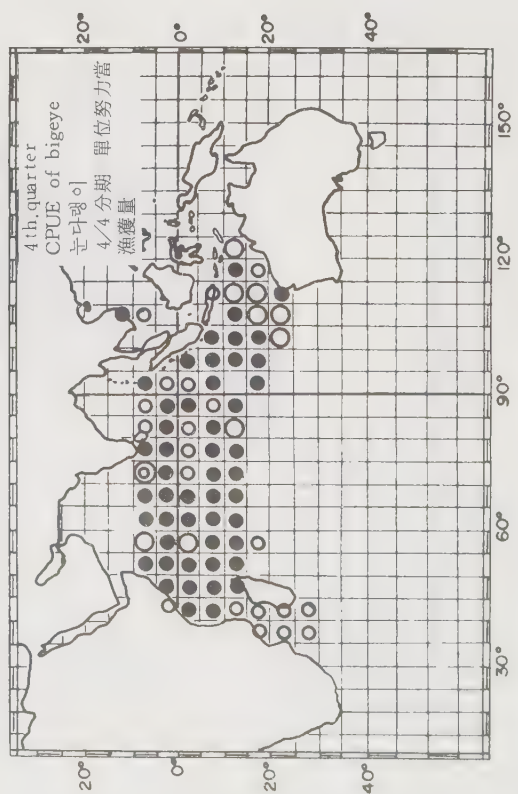
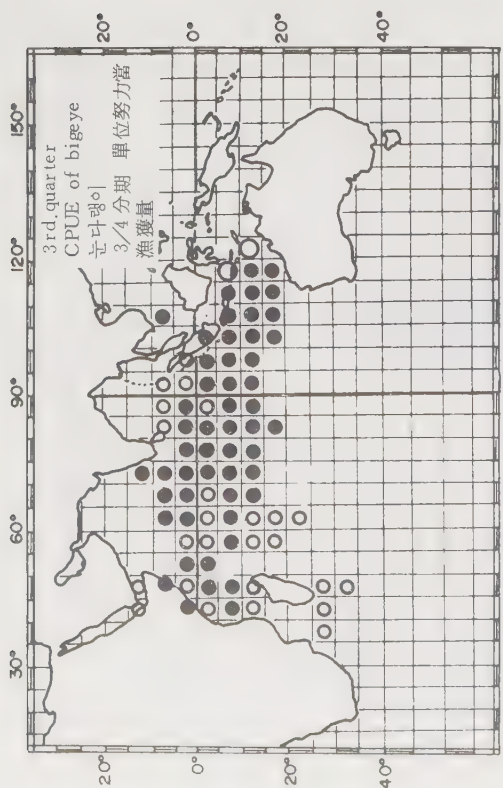
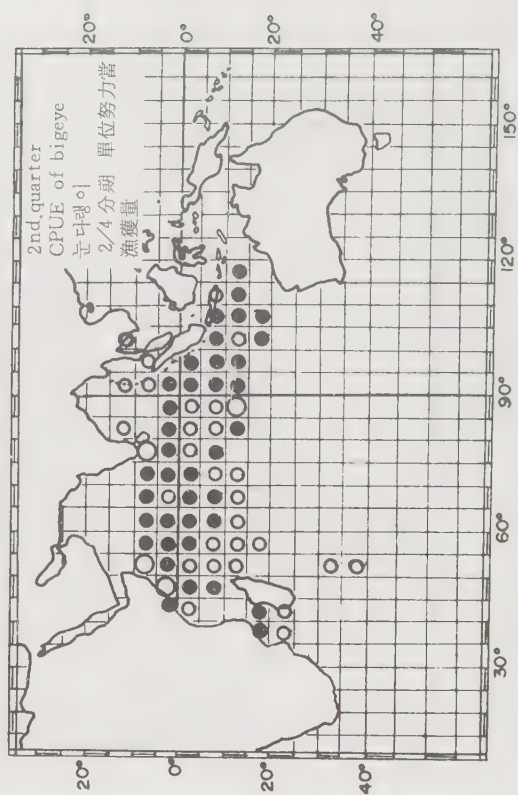
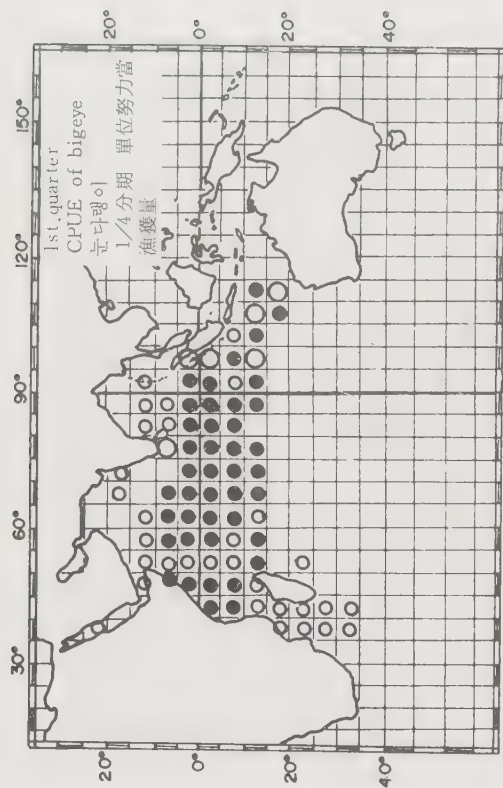


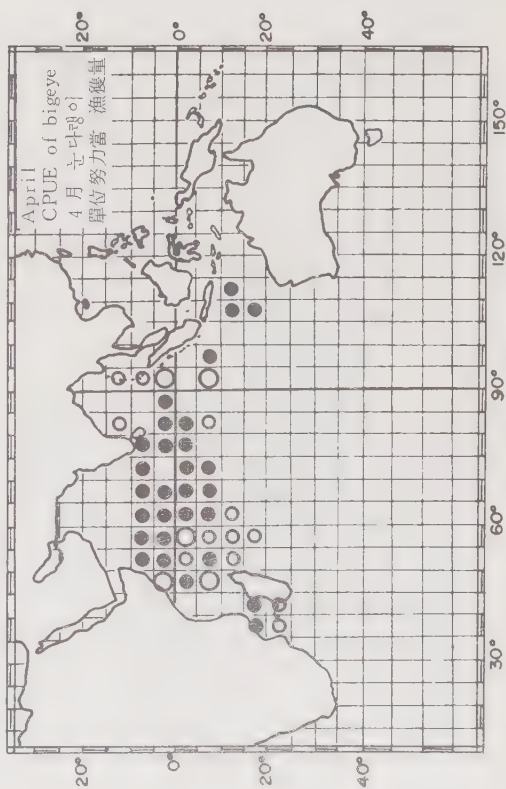
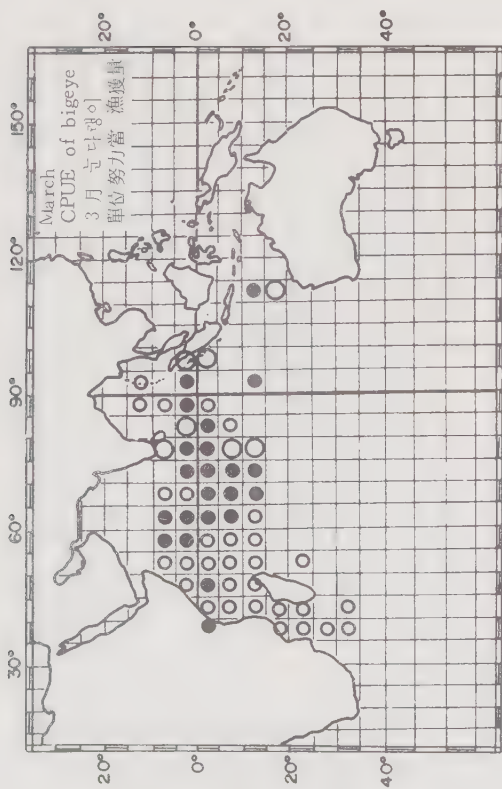
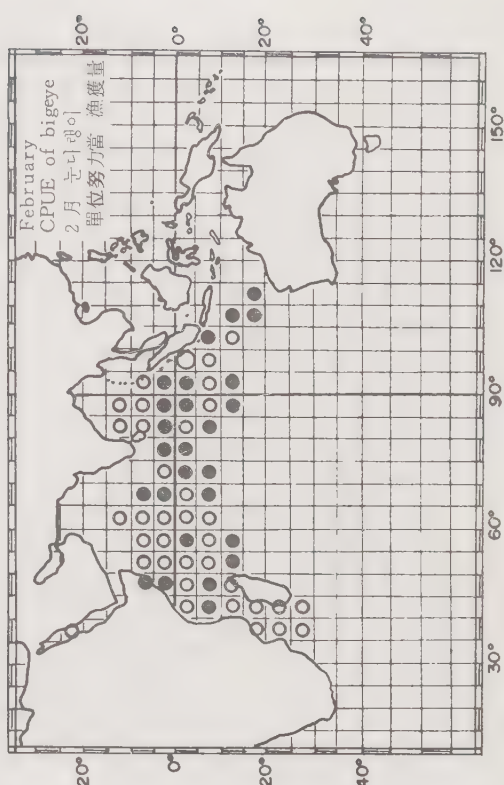
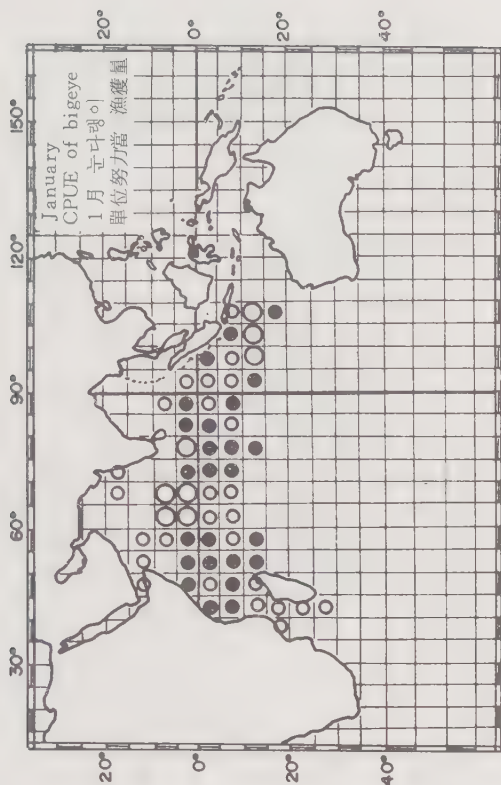


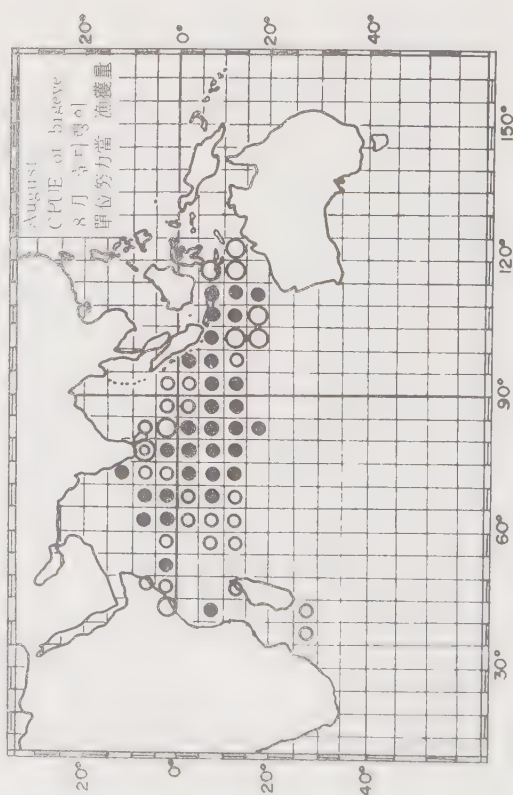
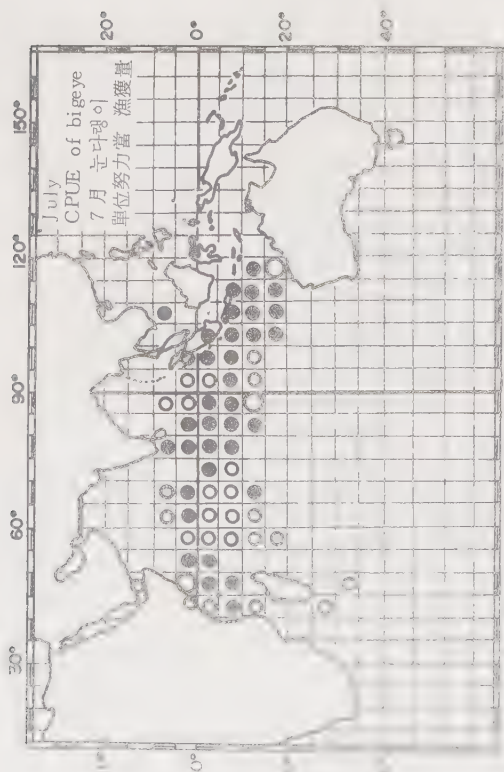
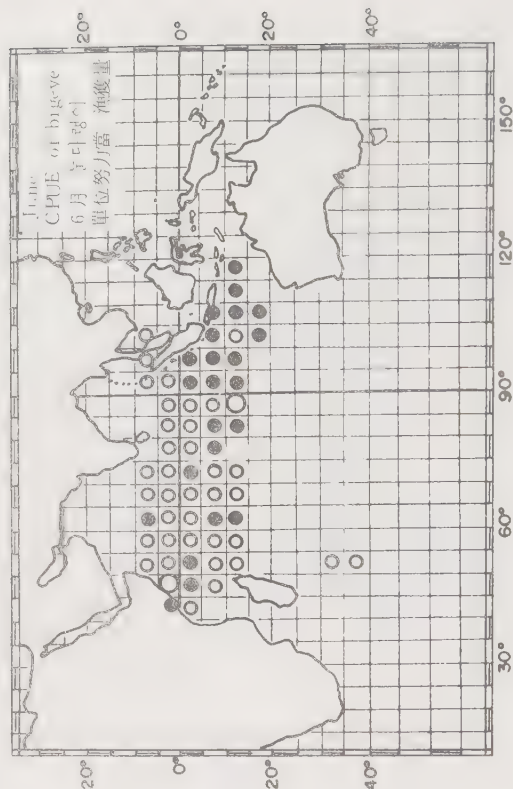
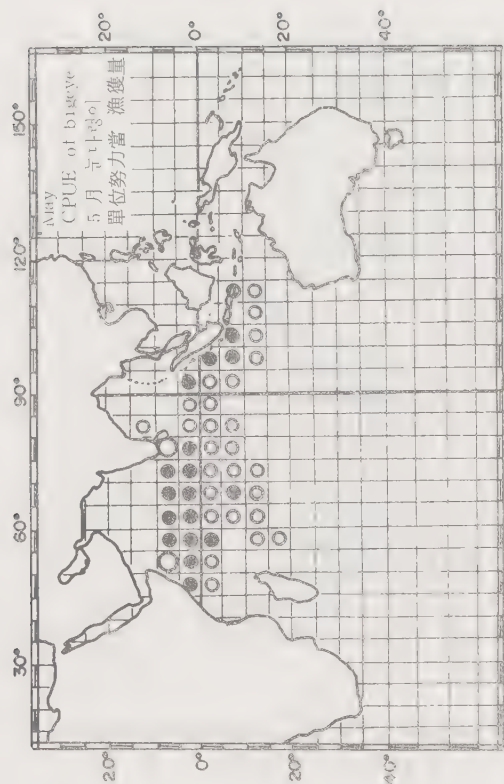
눈 다 랭 이

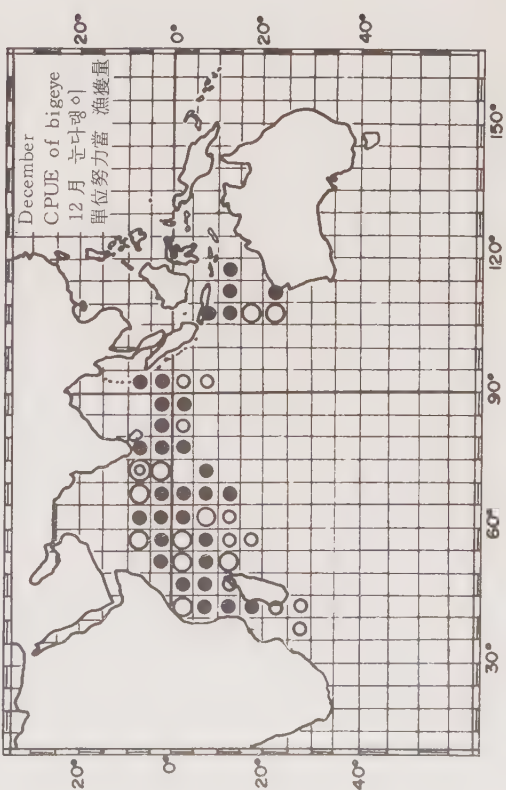
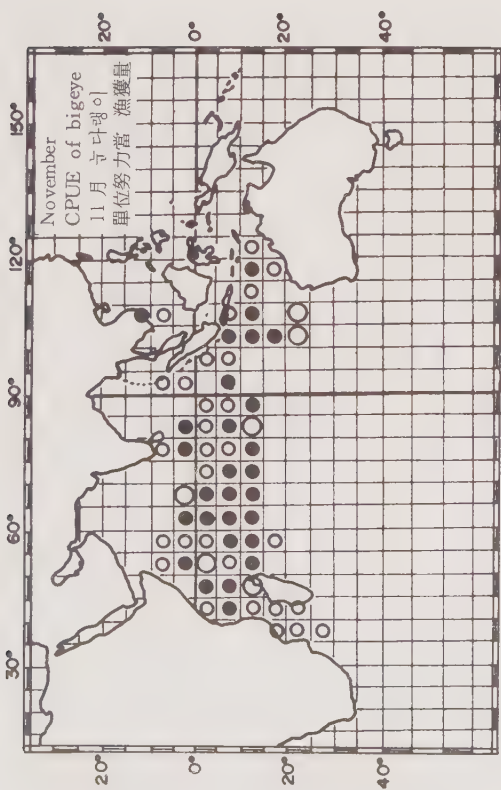
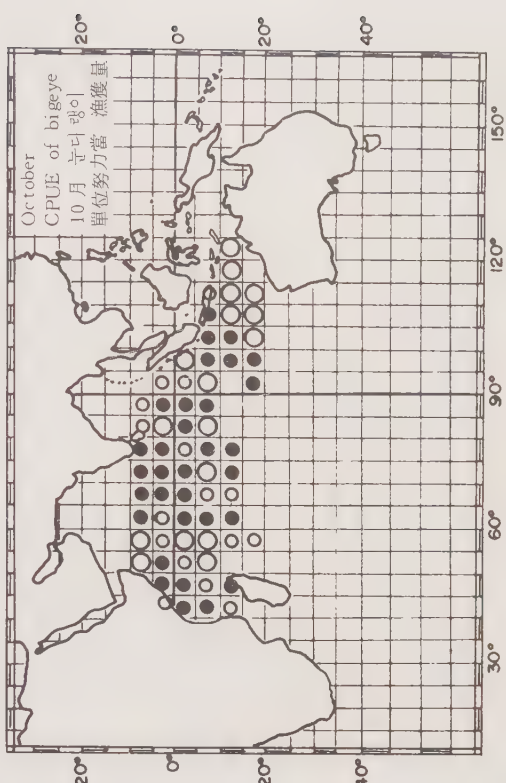
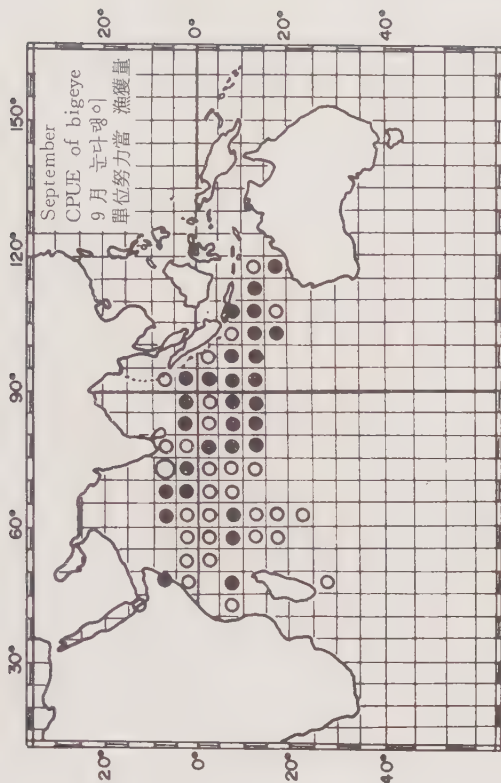
B i g e y e











太 平 洋
Pacific Ocean

1. 全魚種의 分期別 月別 單位努力當 漁獲量 및 努力量 分布圖

Distribution of CPUE and fishing effort of
all species by month and by quarter

2. 魚種別 分期別 月別 單位努力當 漁獲量 및 努力量 分布圖

날개다랭이, 황다랭이, 눈다랭이

Distribution of CPUE and fishing effort
by species, month and by quarter

Albacore, Yellowfin, Bigeye

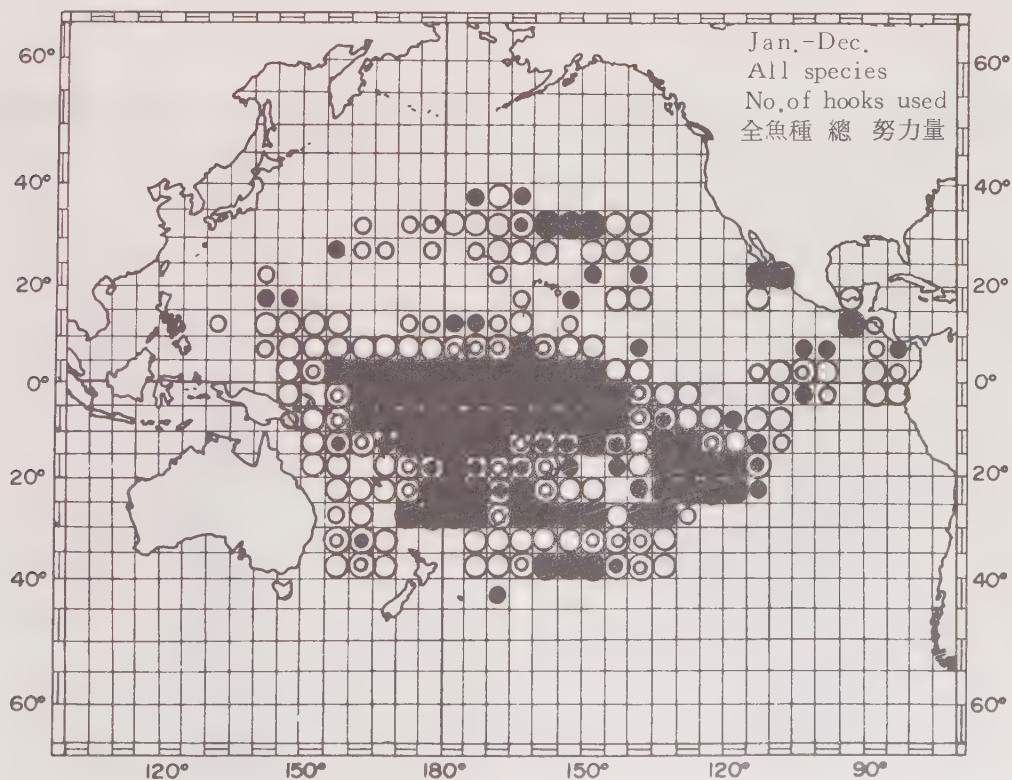
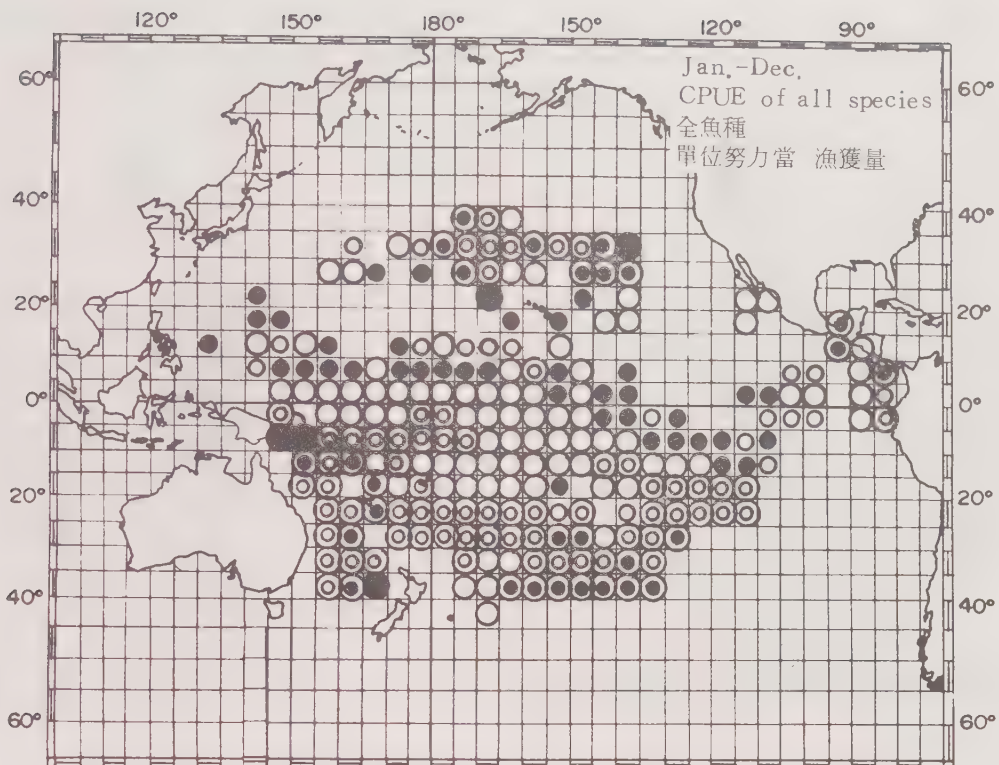
(CPUE: Number of fish per 100 hooks)

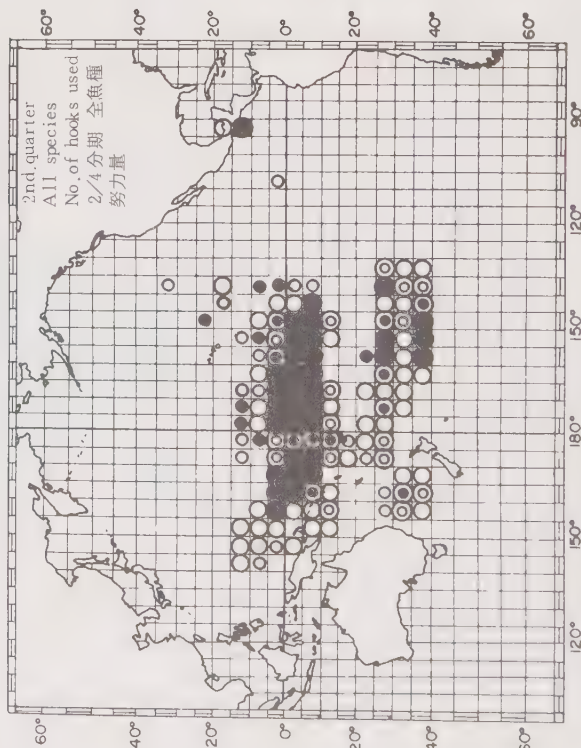
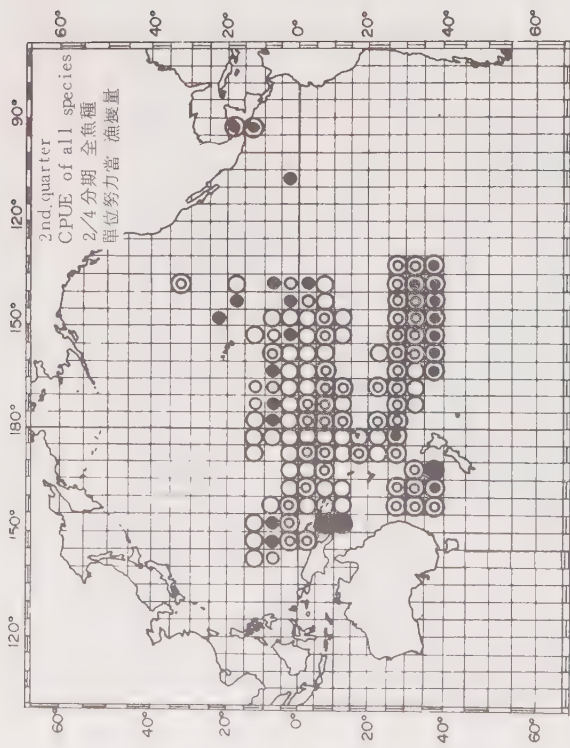
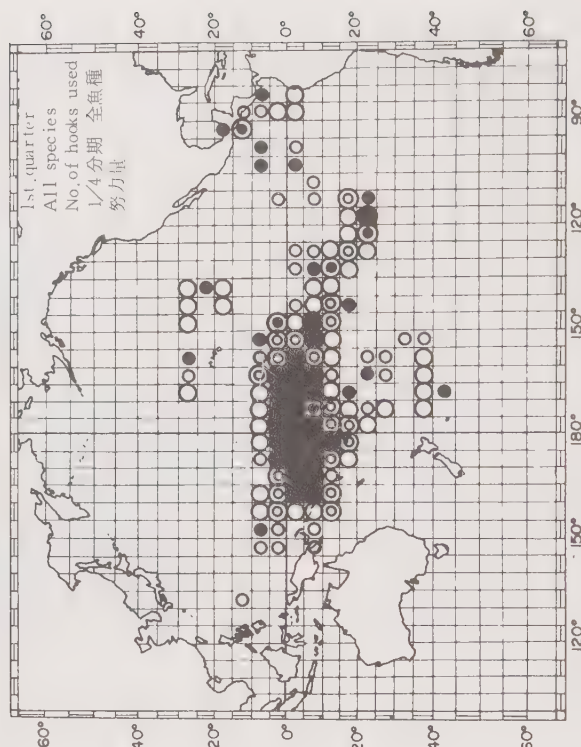
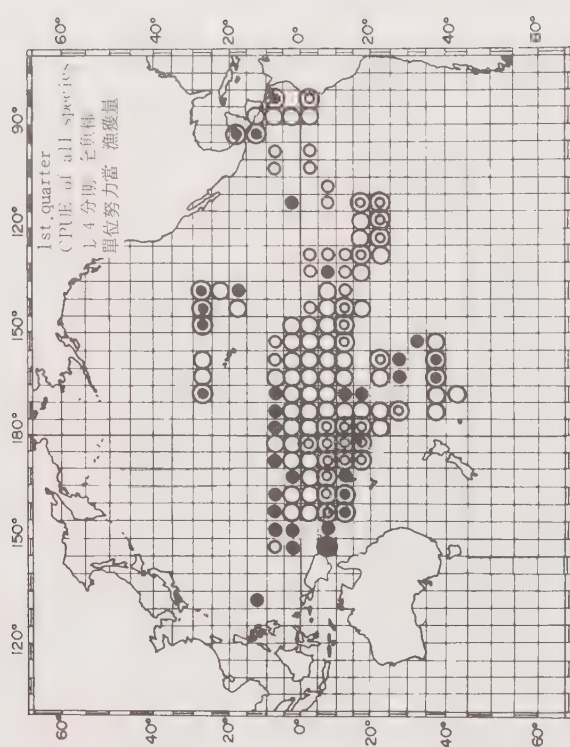
全 魚 種

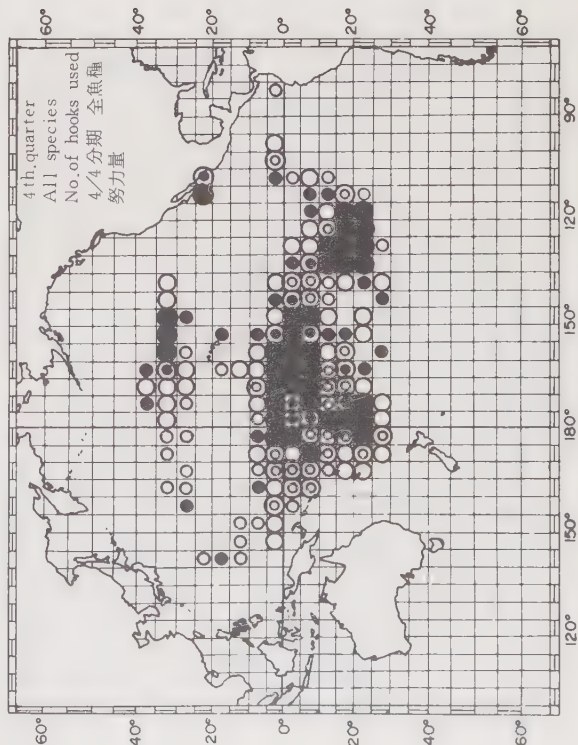
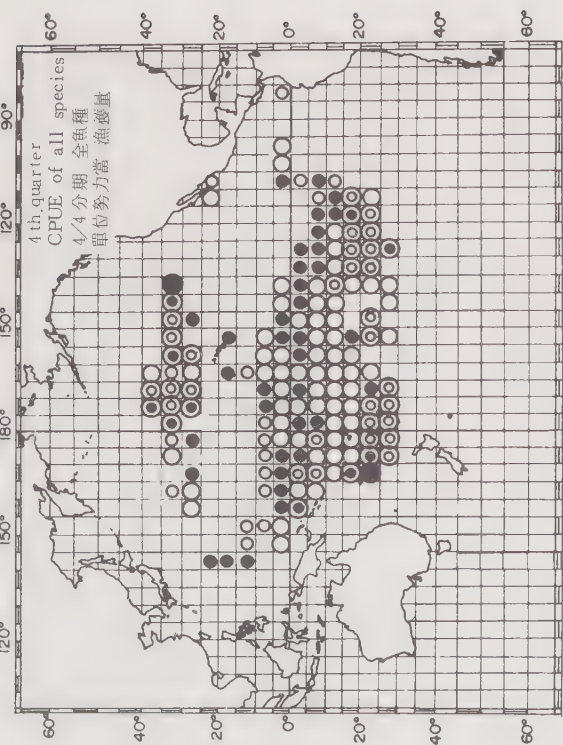
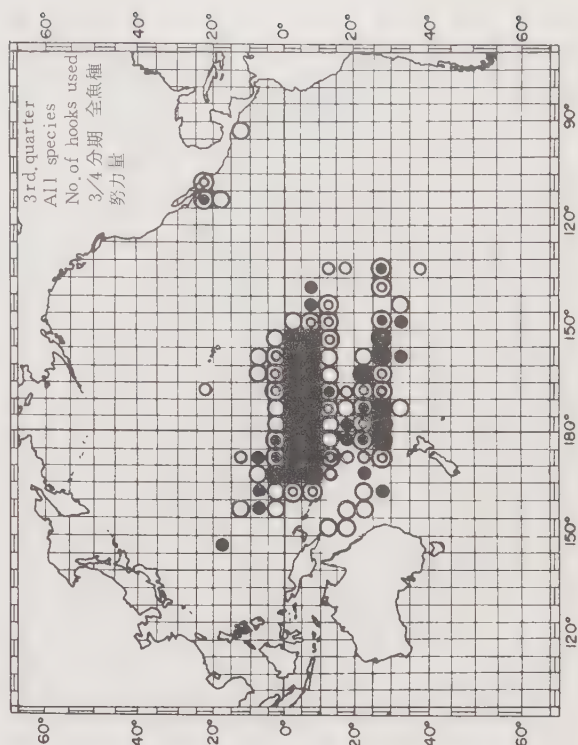
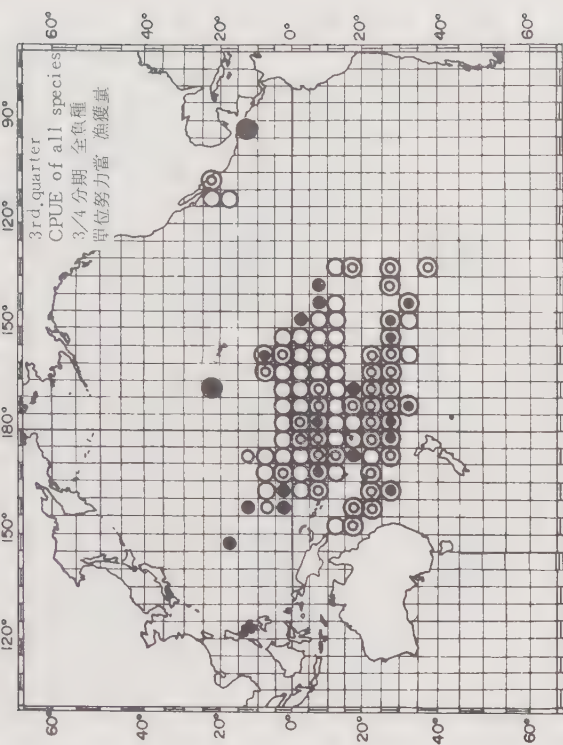
分期別 月別 單位努力當 漁獲量 與 努力量 分布圖

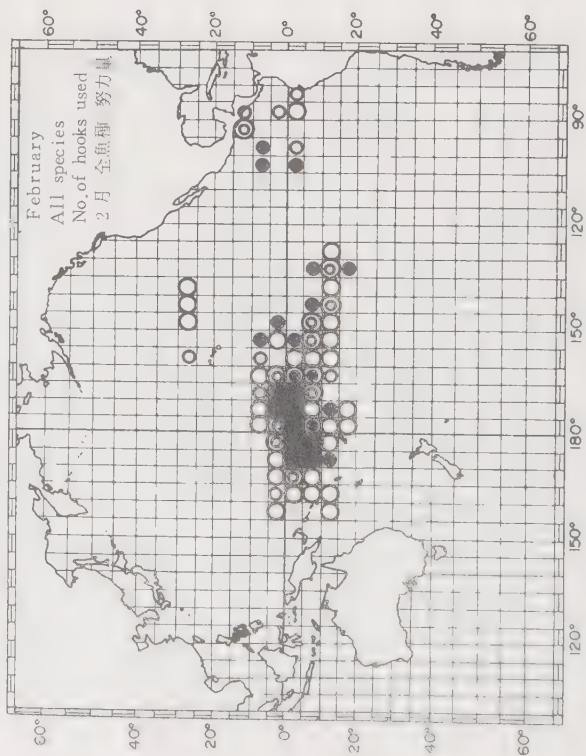
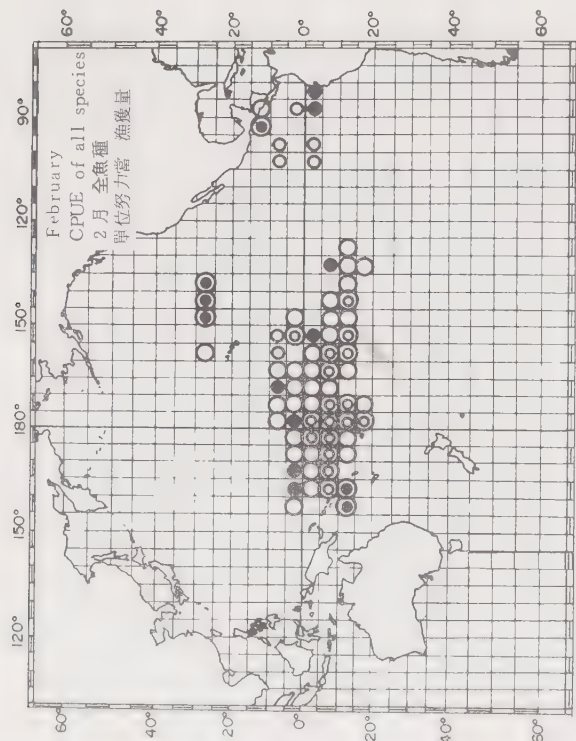
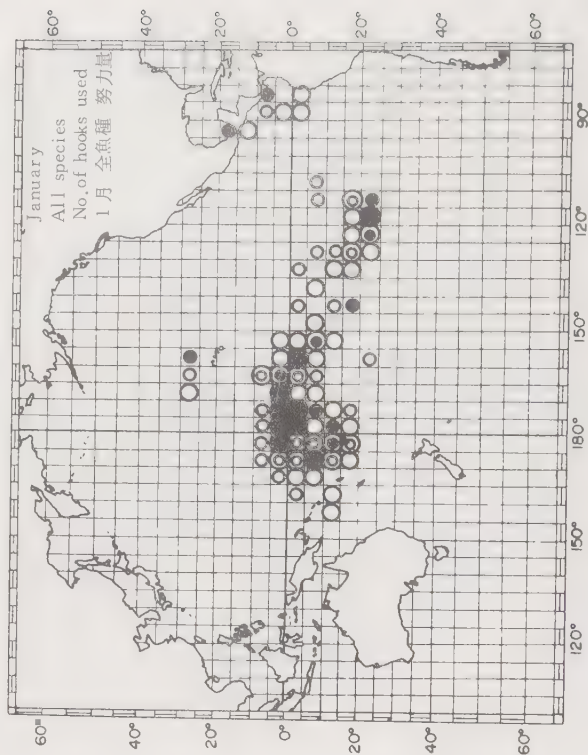
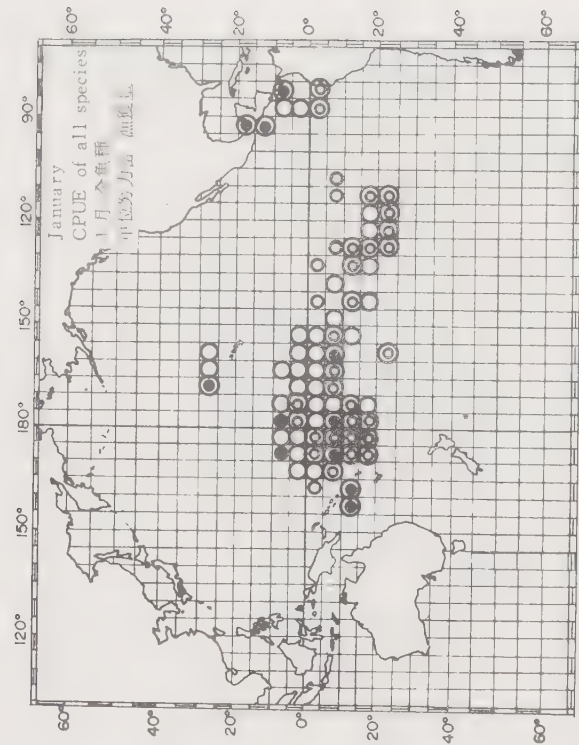
All species

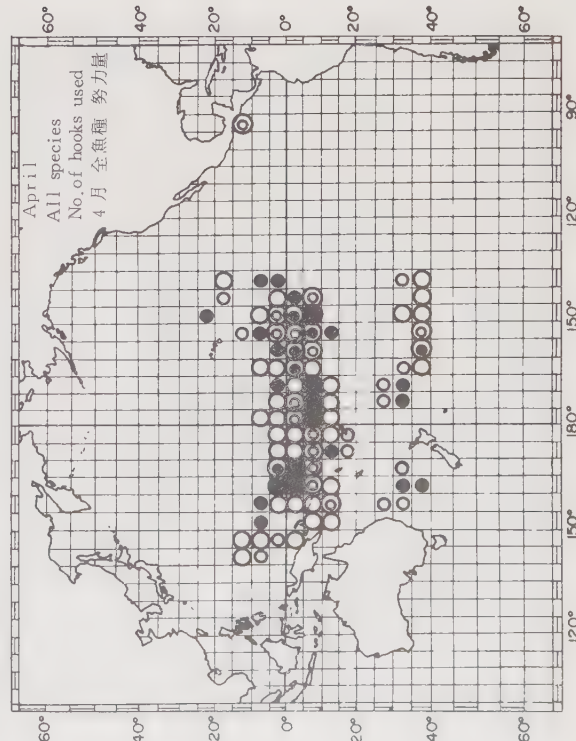
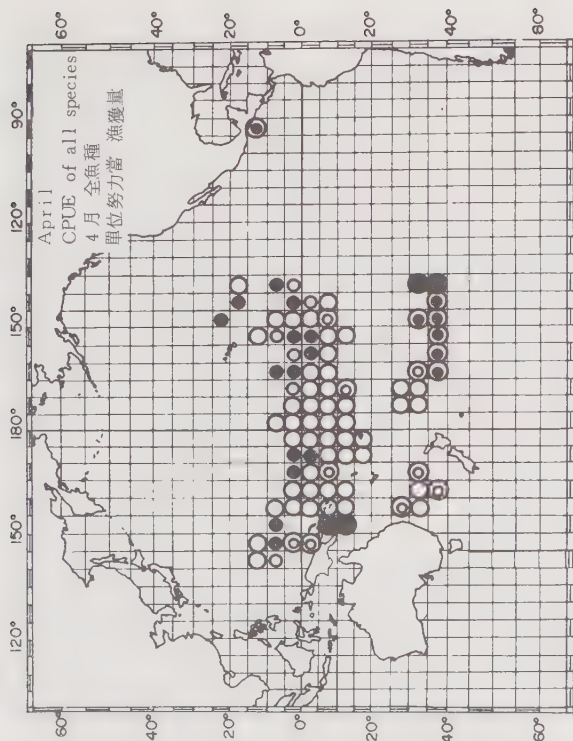
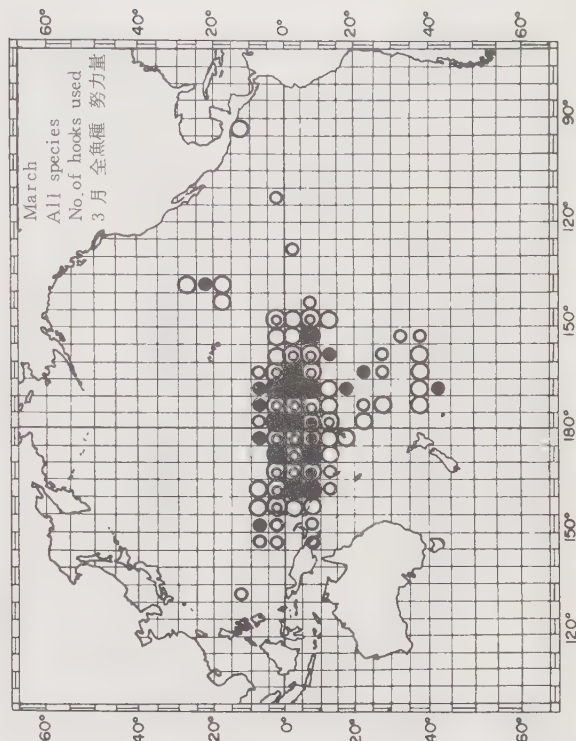
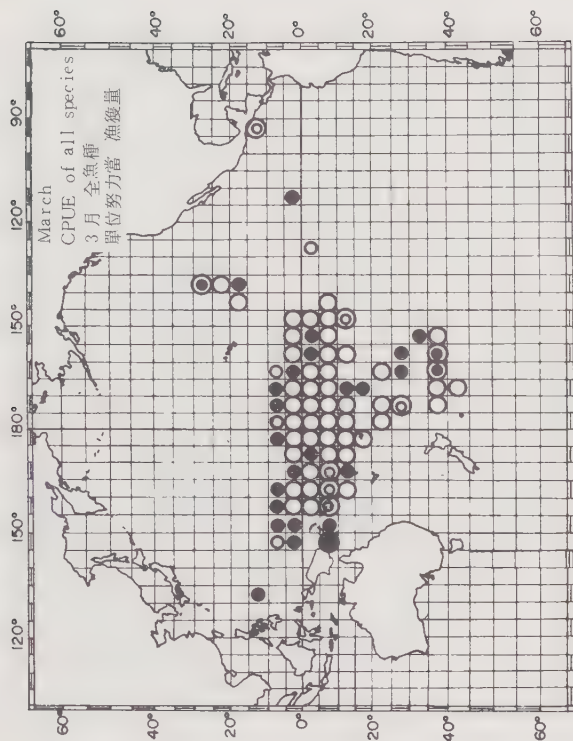
CPUE and fishing effort by month and by quarter

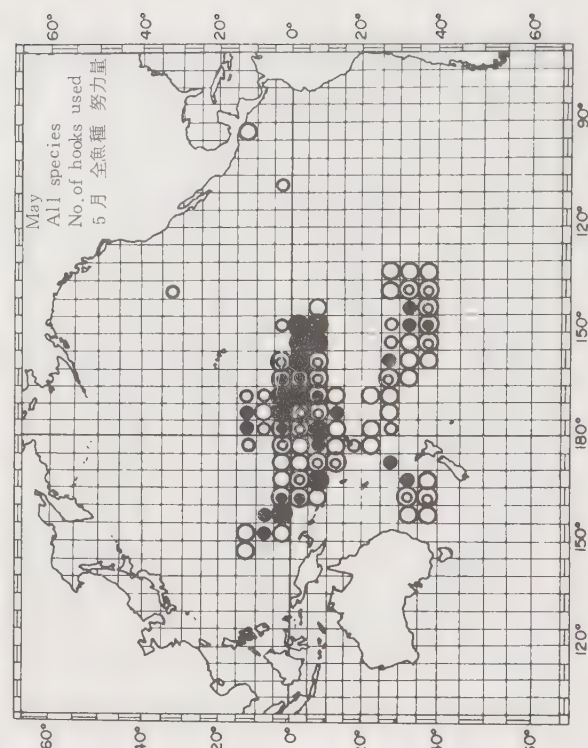
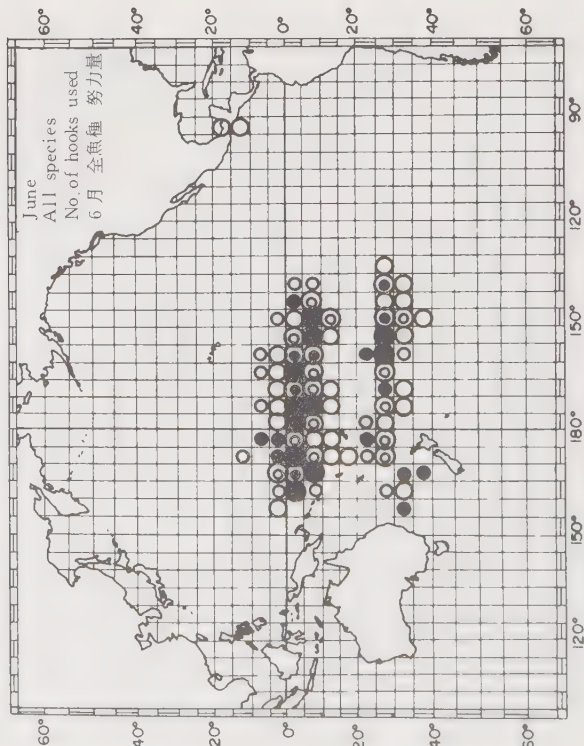
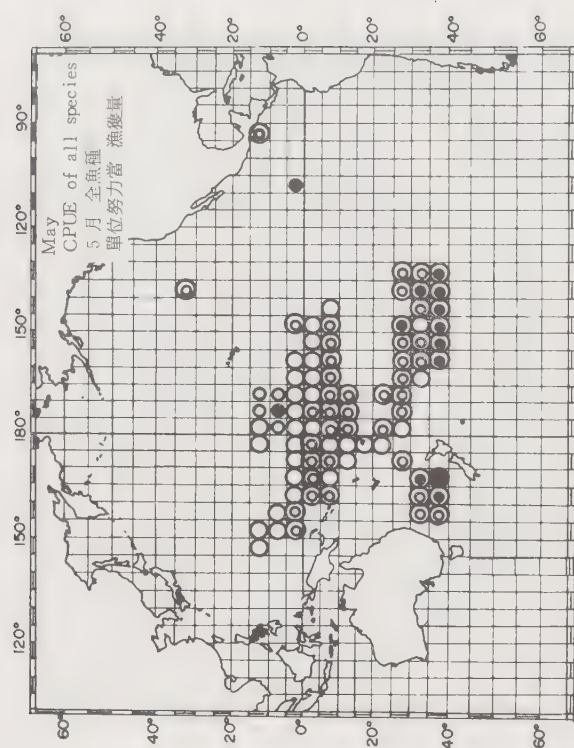
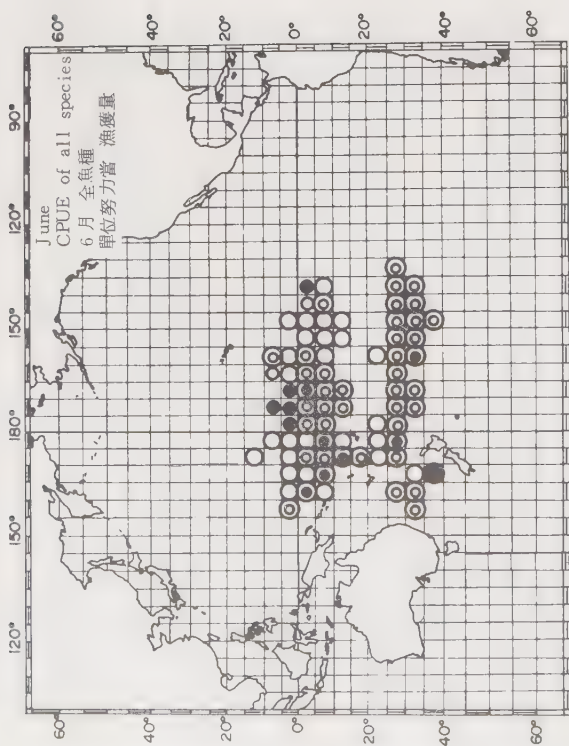


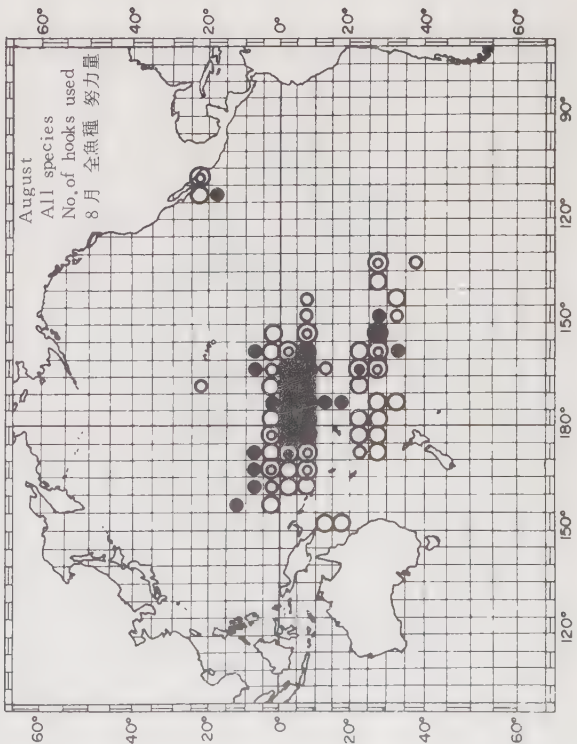
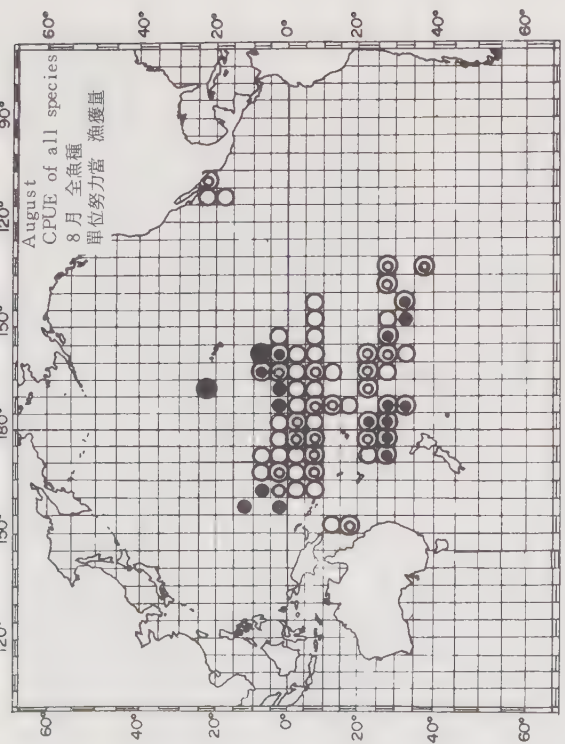
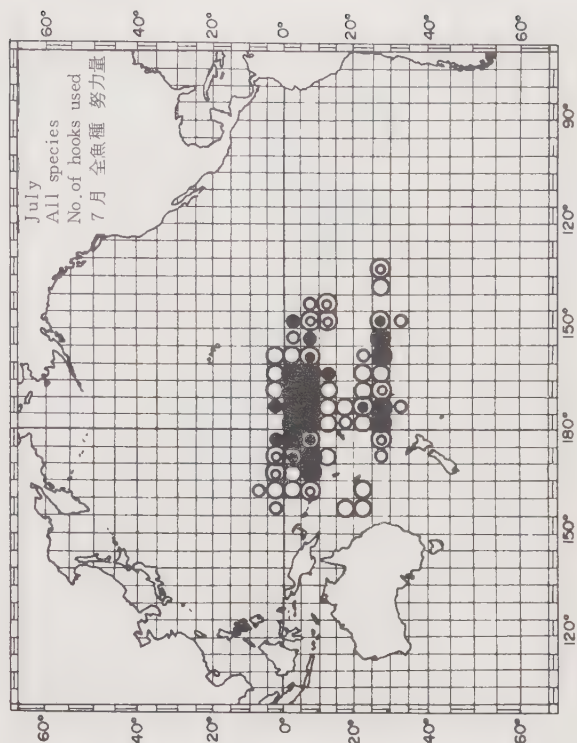
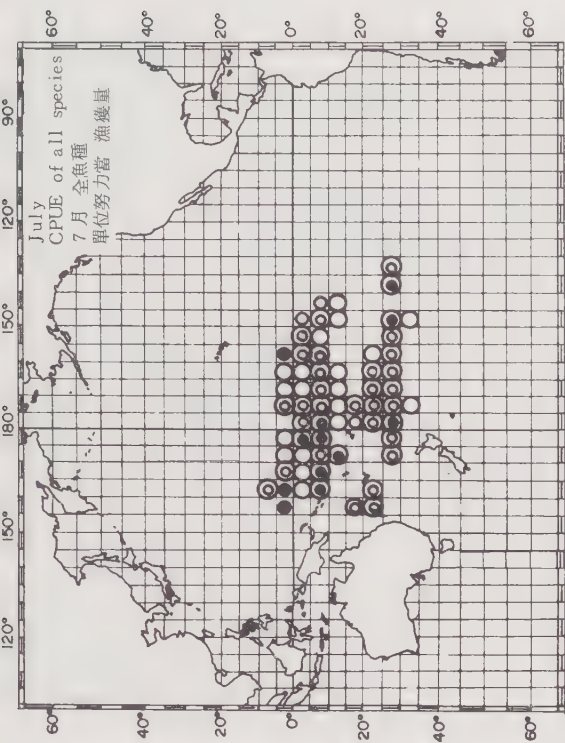


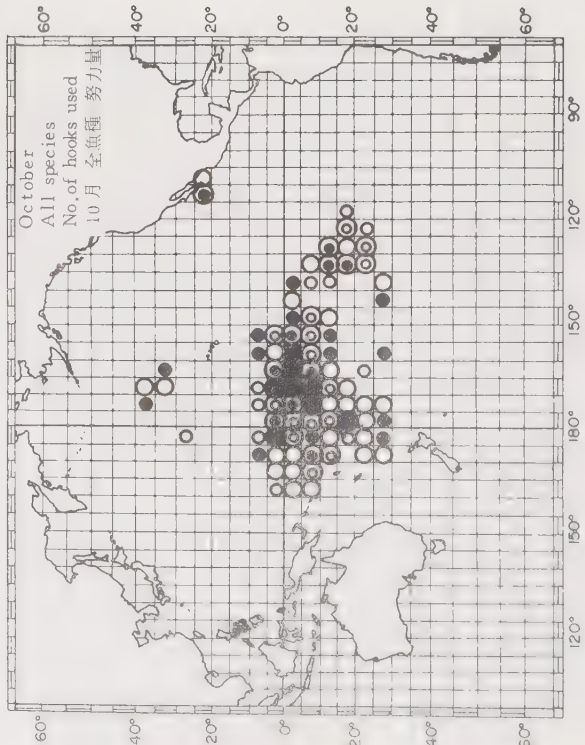
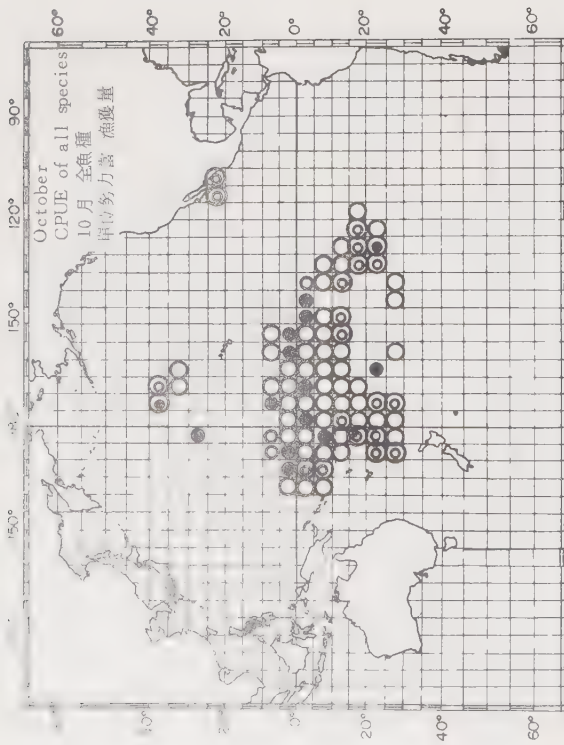
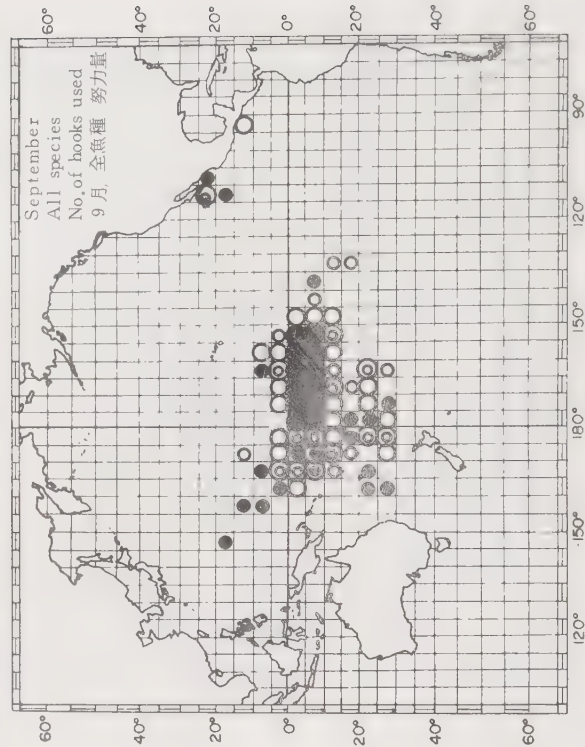
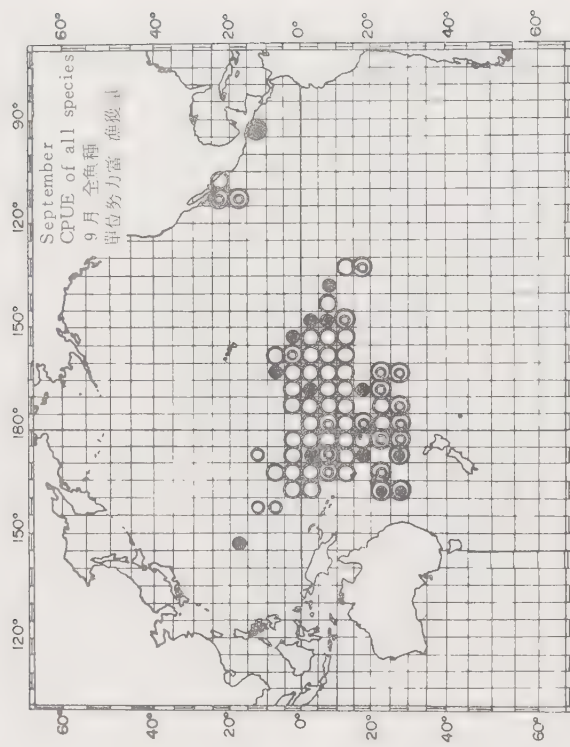


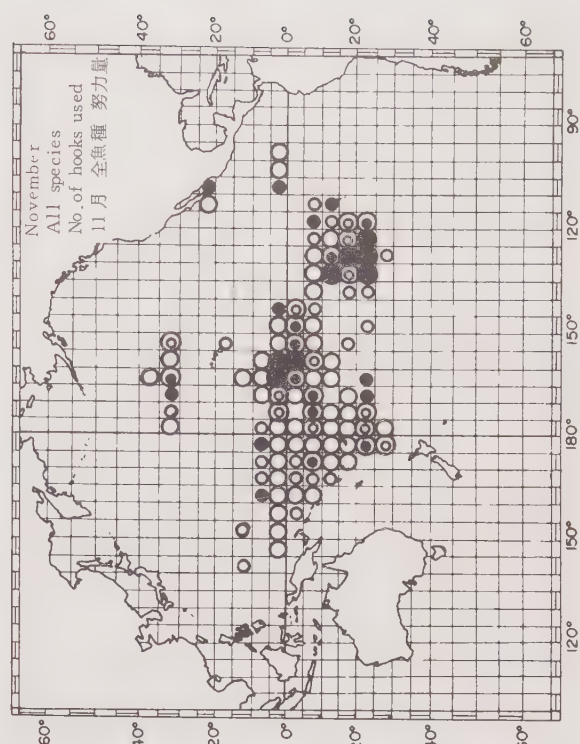
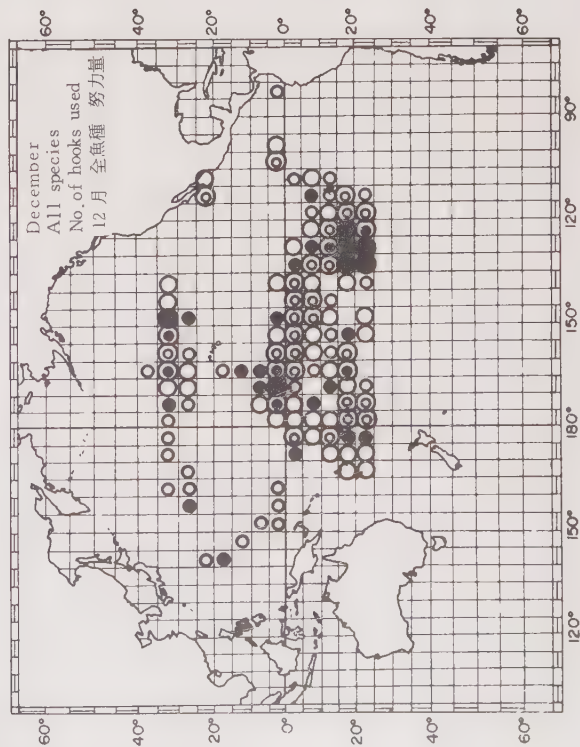
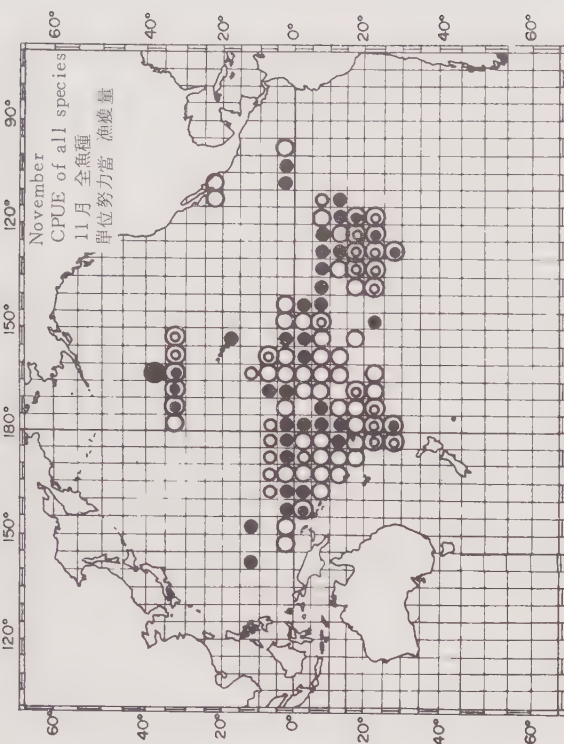










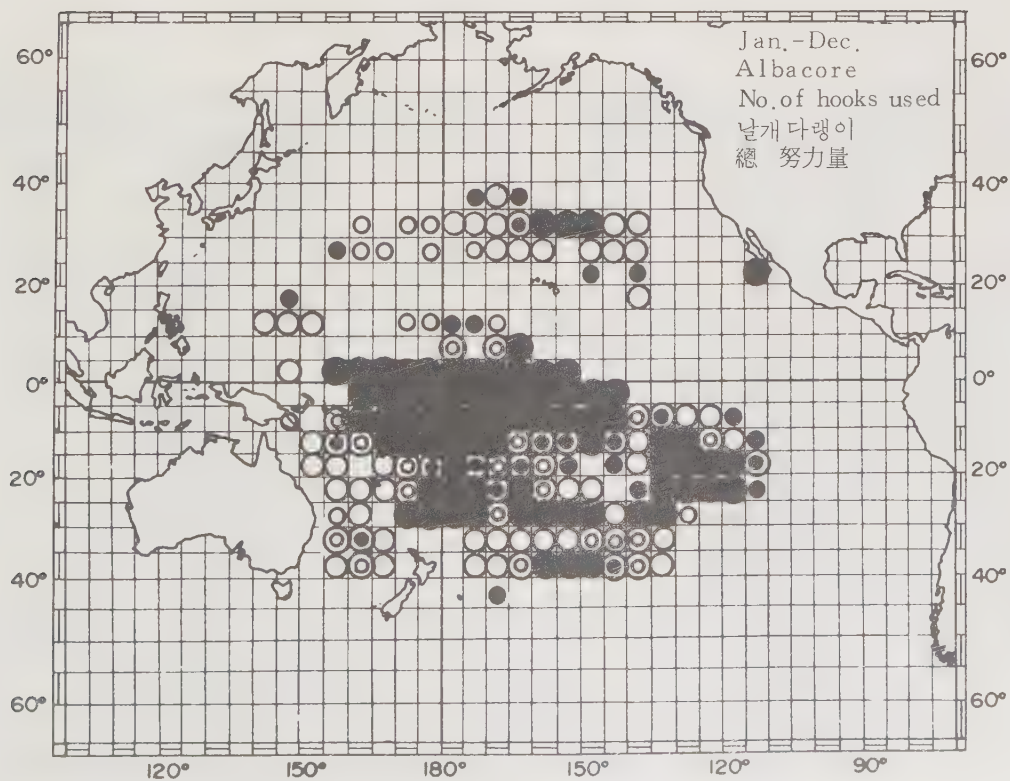
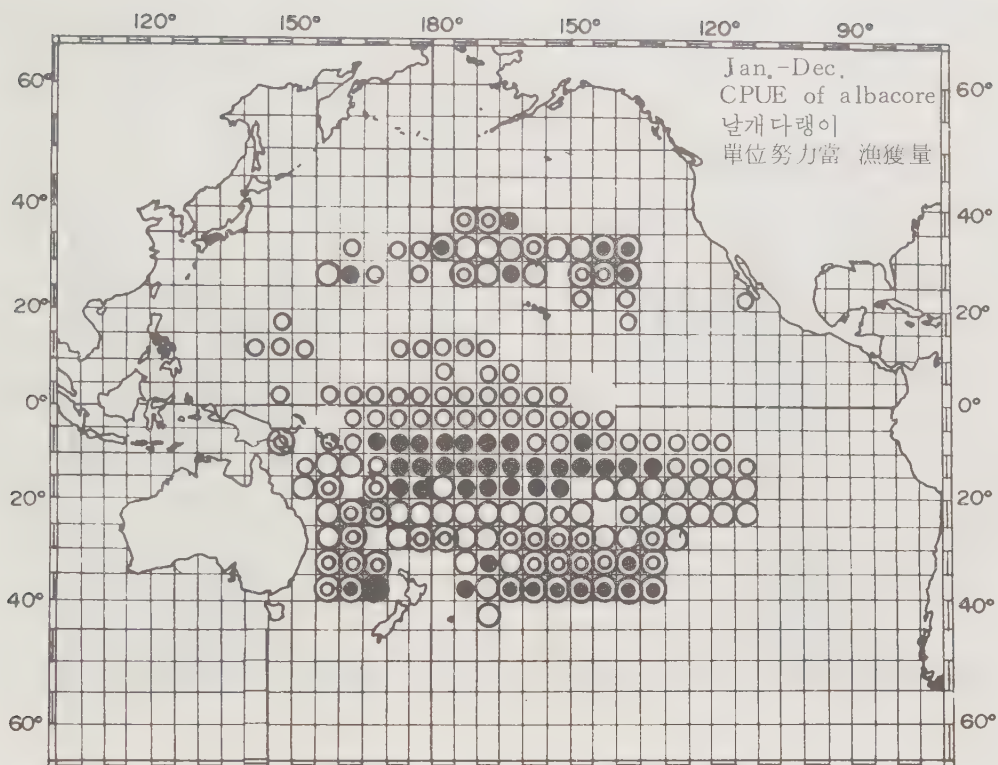


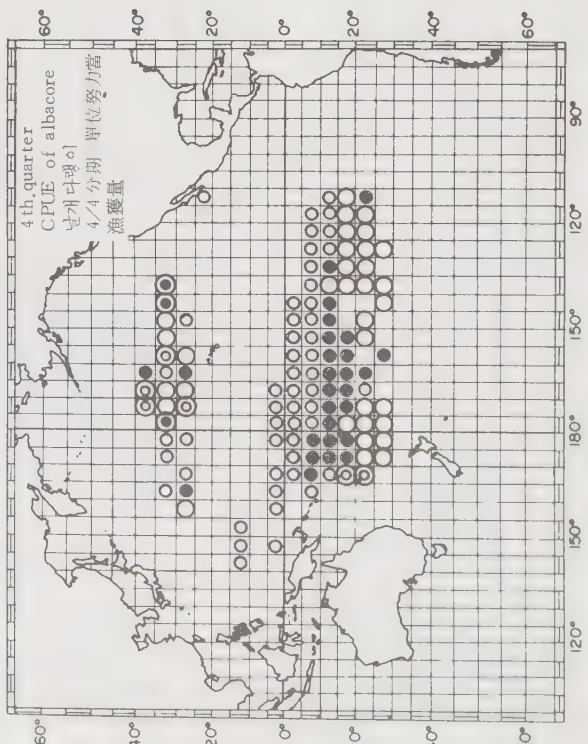
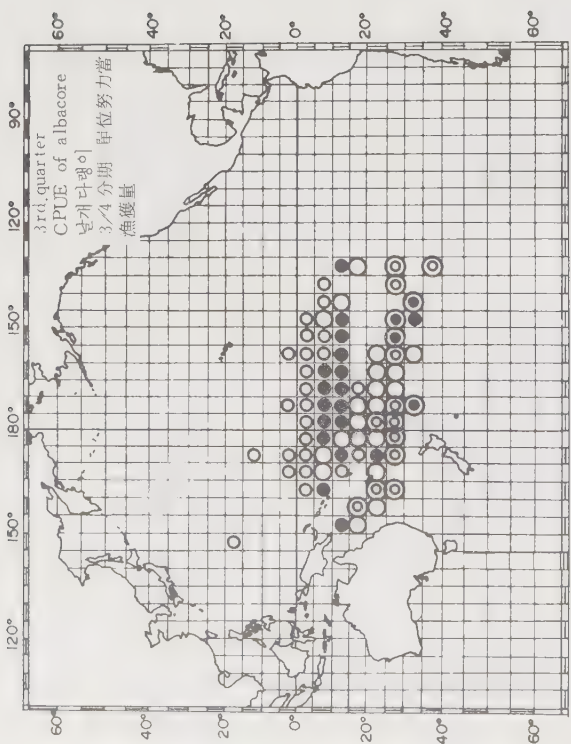
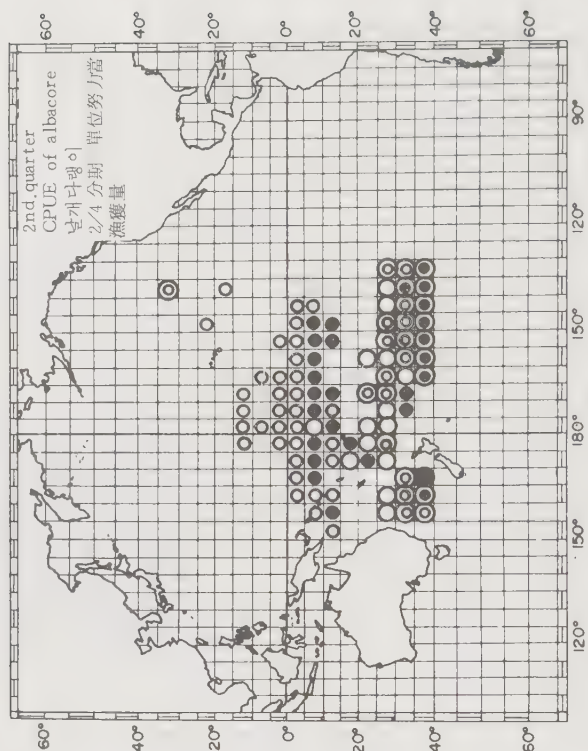
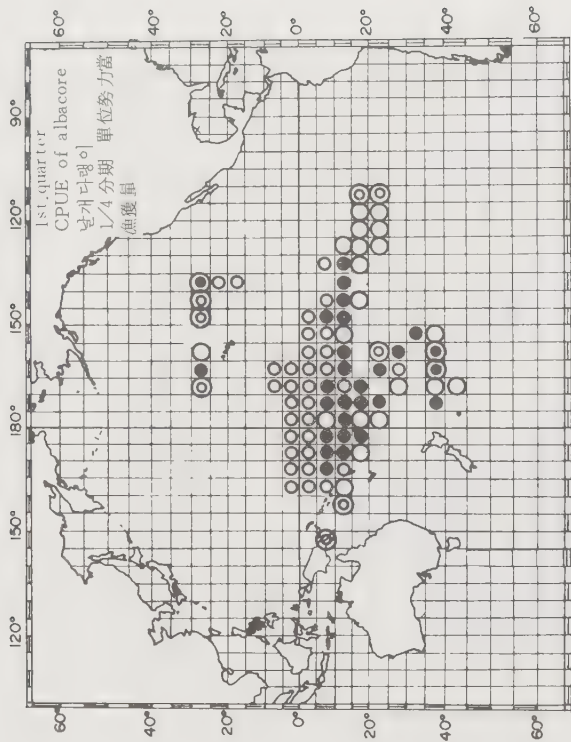
날개다랭이 , 황다랭이 , 눈다랭이
單位努力當 漁獲量 및 努力量 分布圖

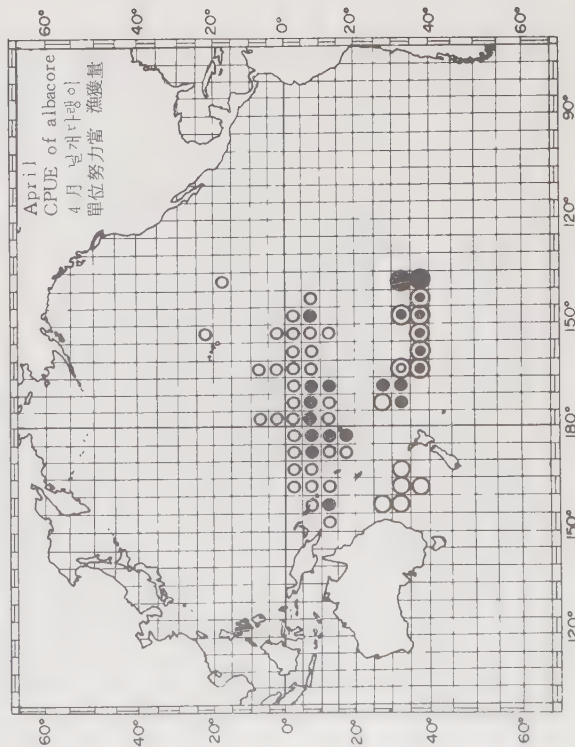
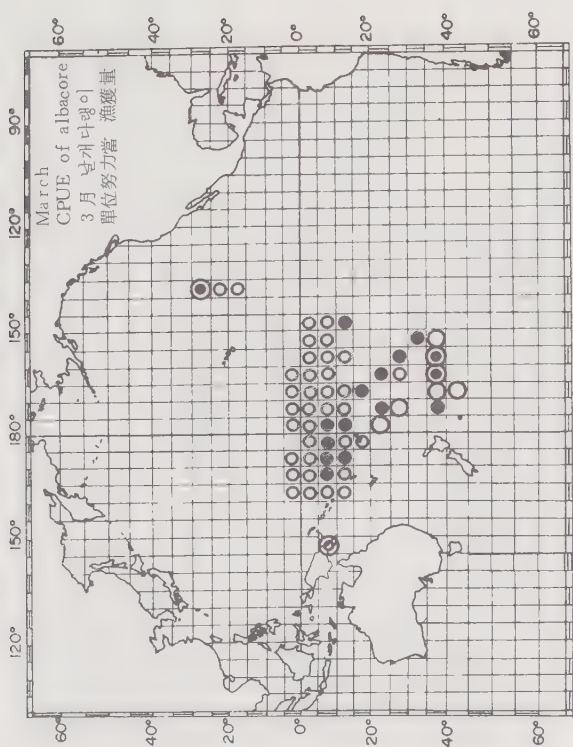
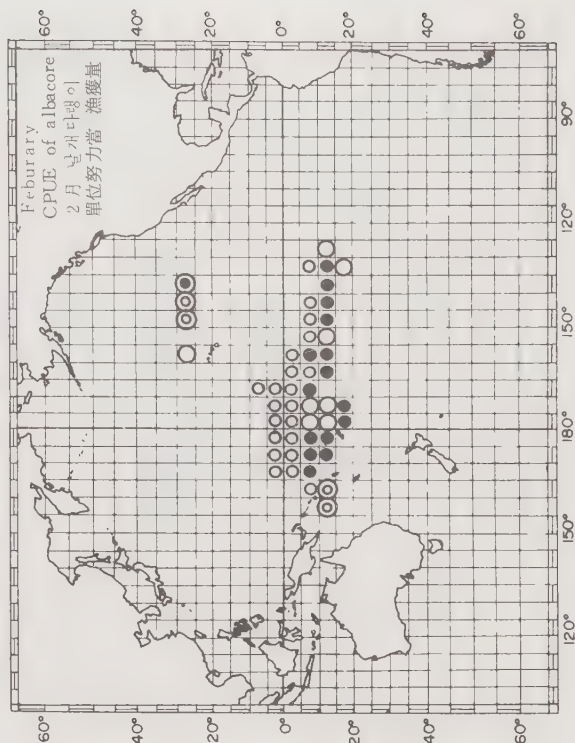
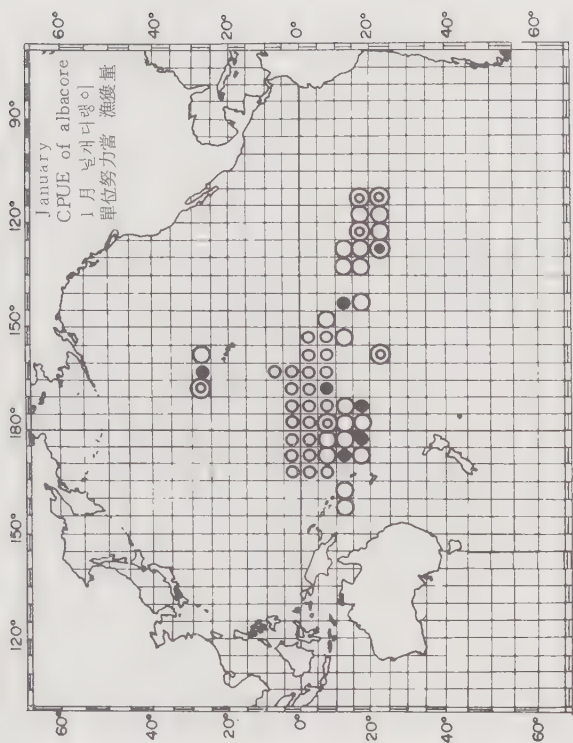
Albacore, Yellowfin, Bigeye
CPUE and fishing effort

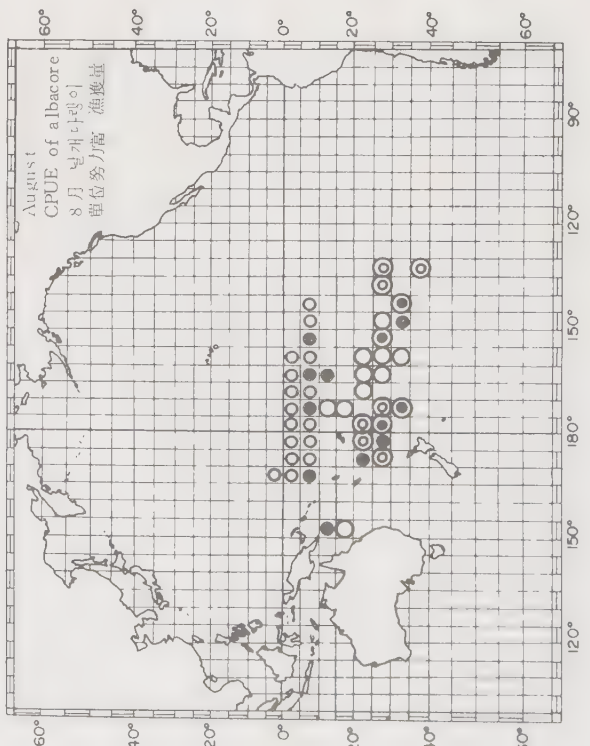
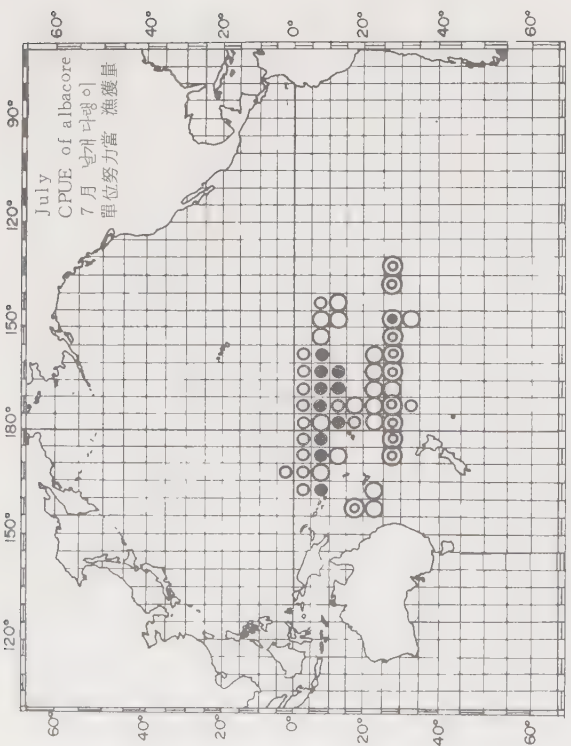
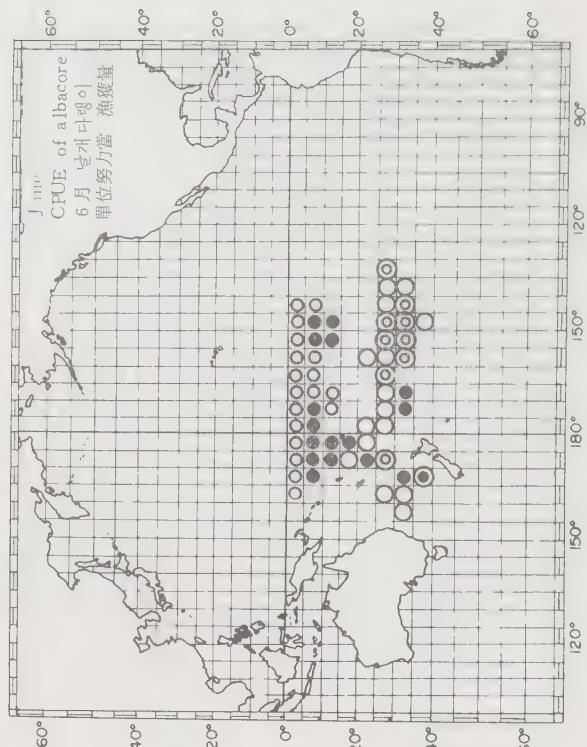
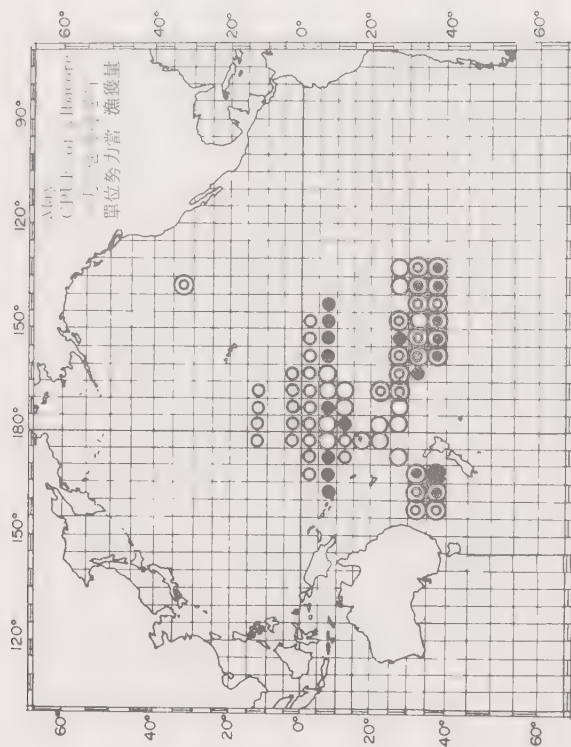
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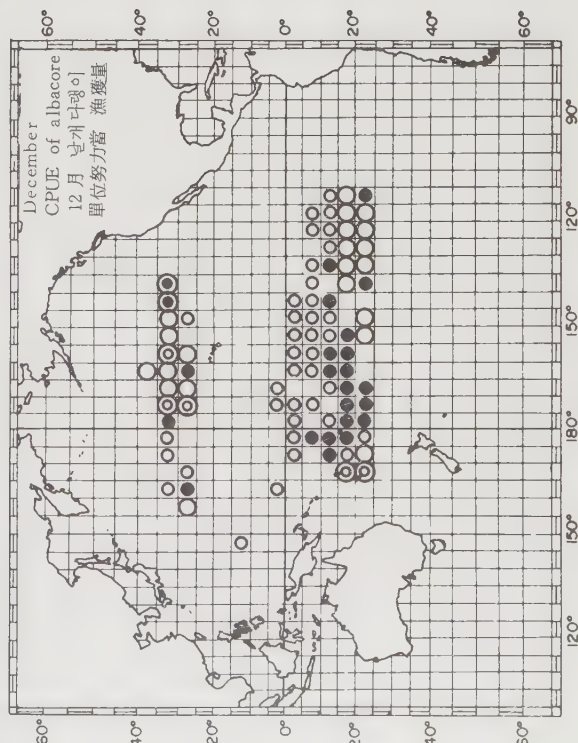
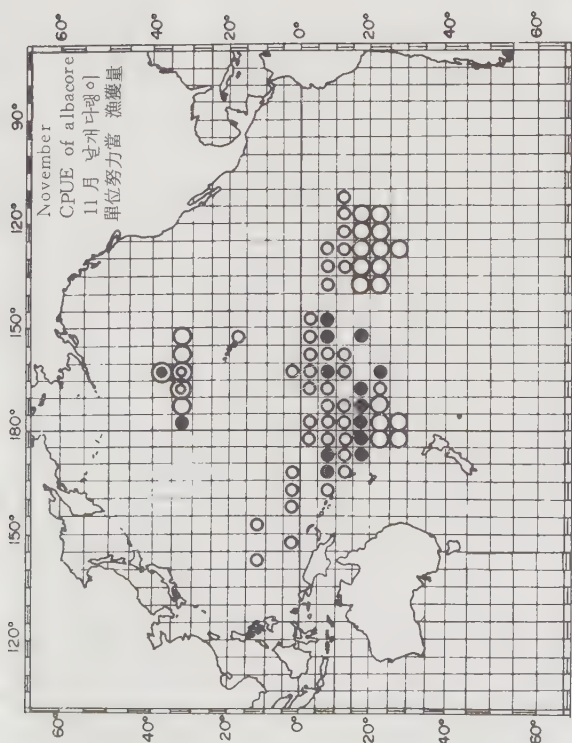
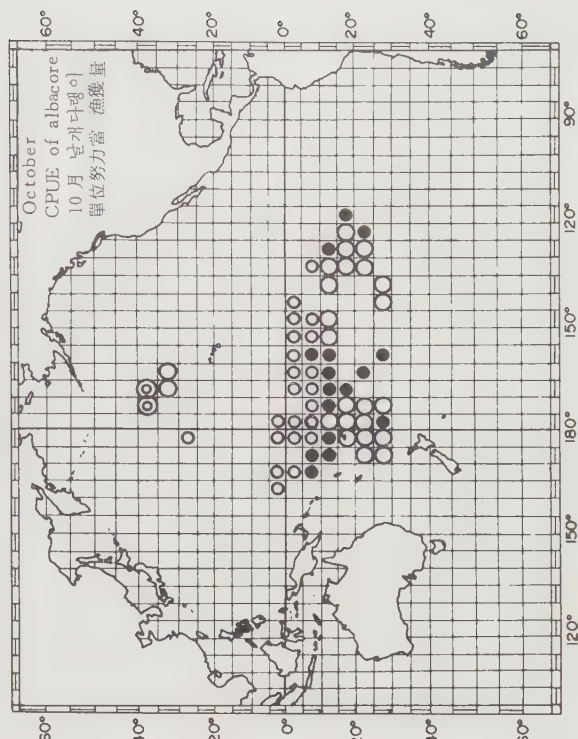
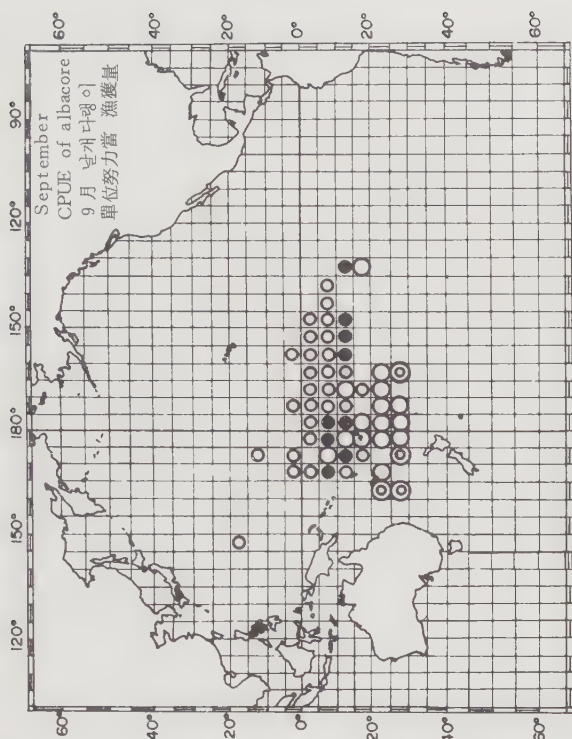
Albacore





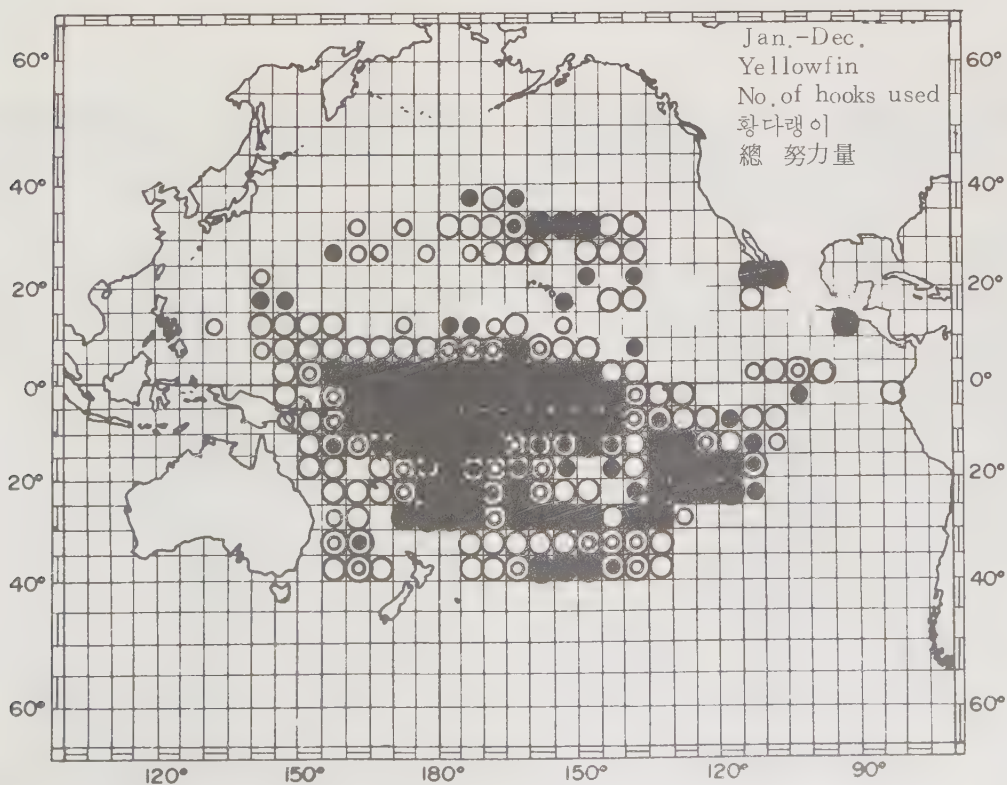
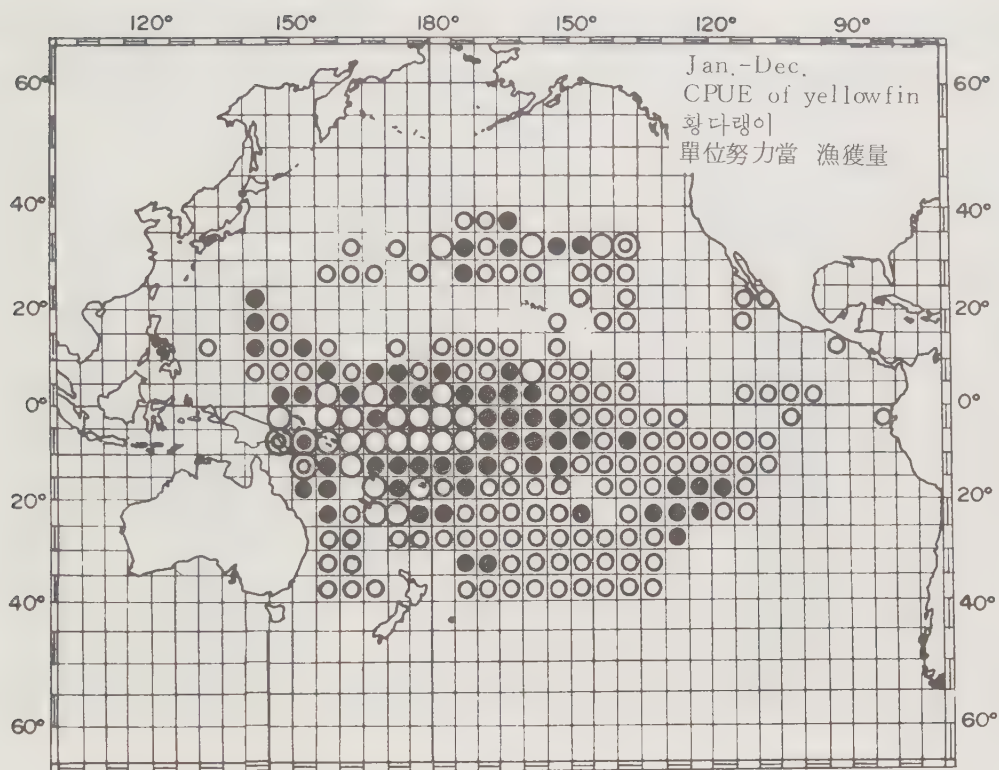


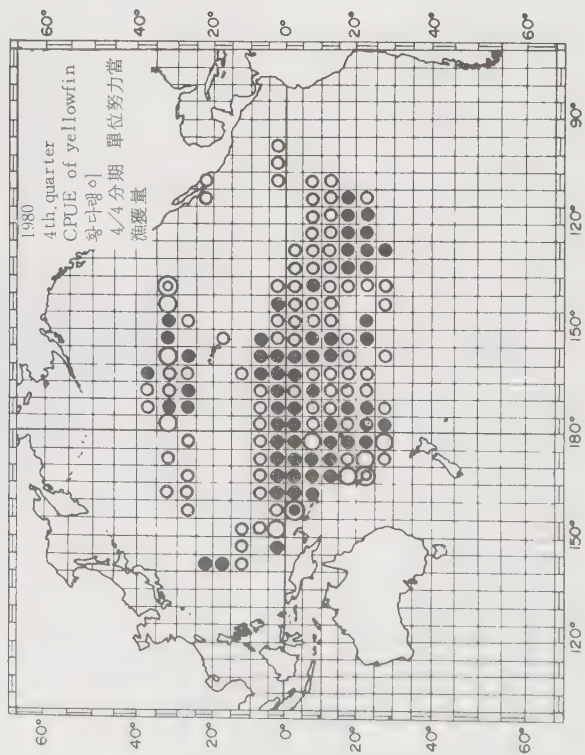
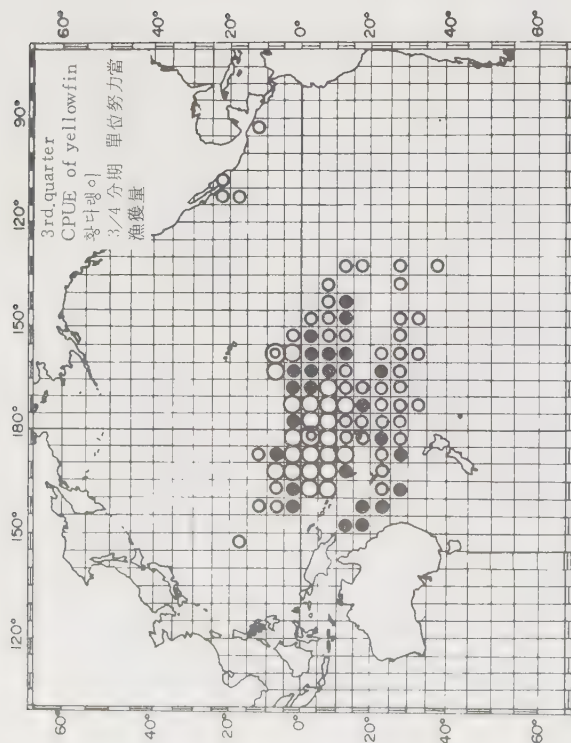
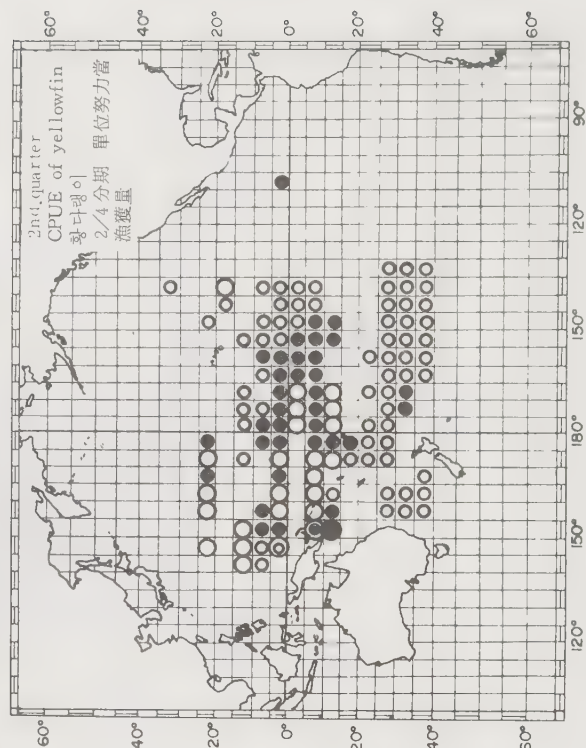
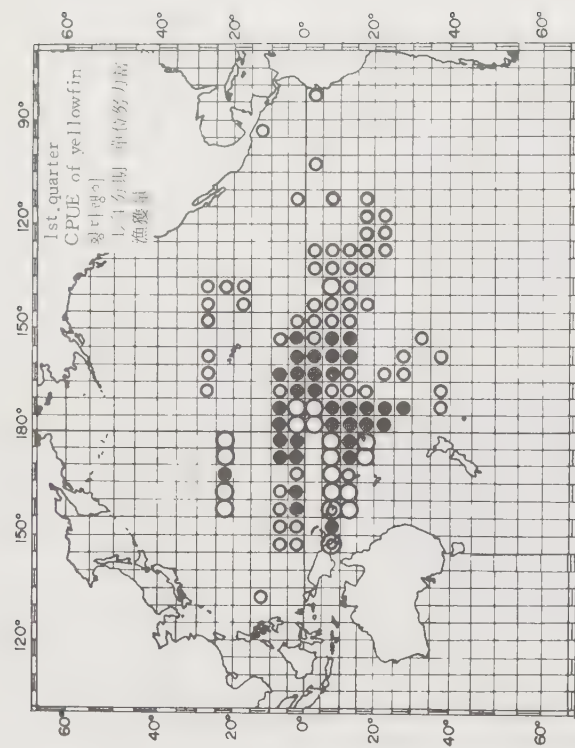


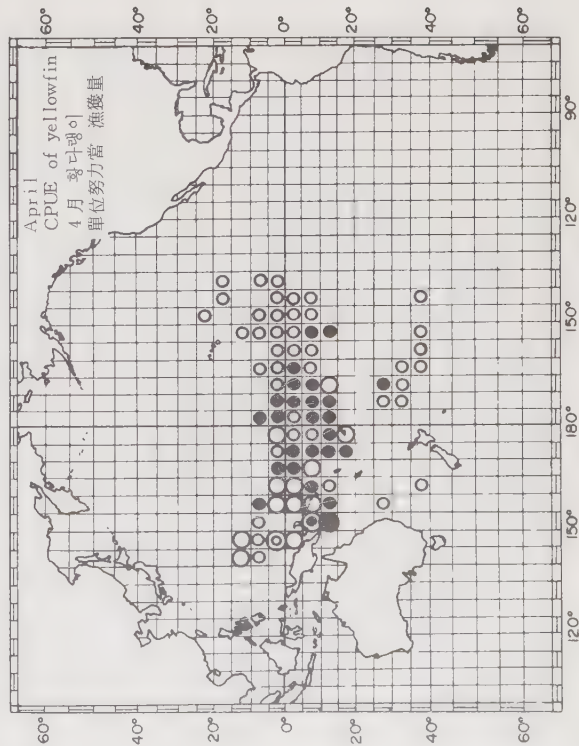
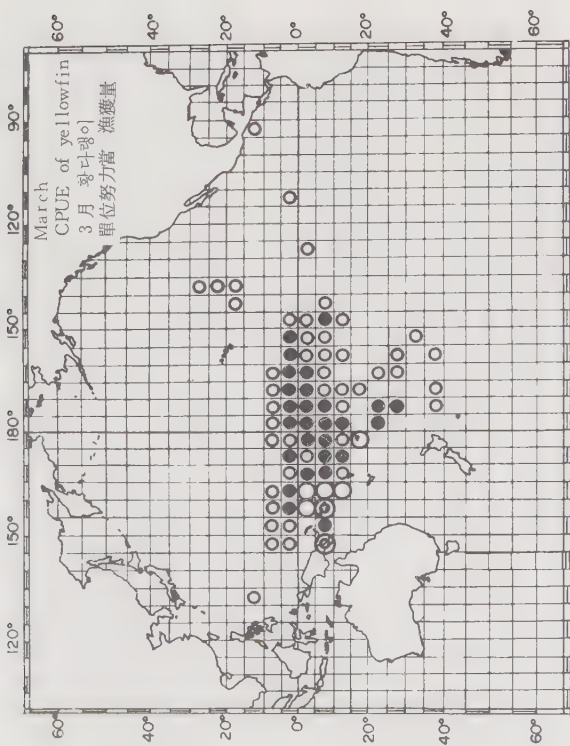
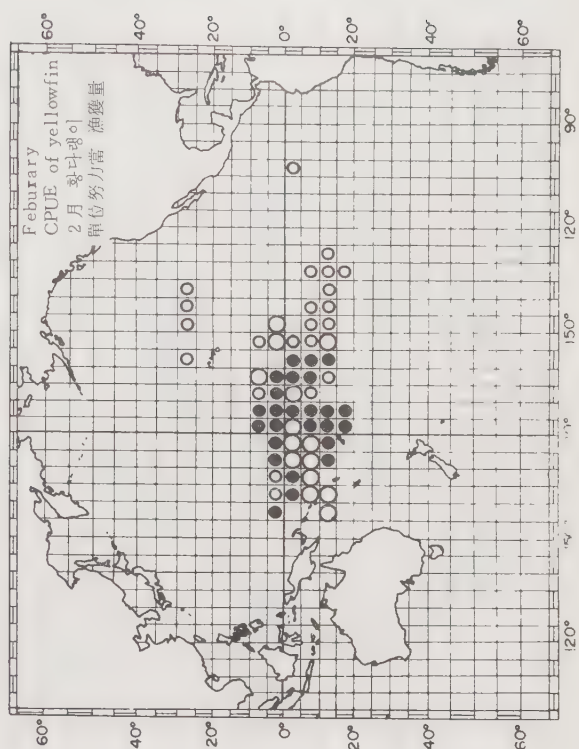
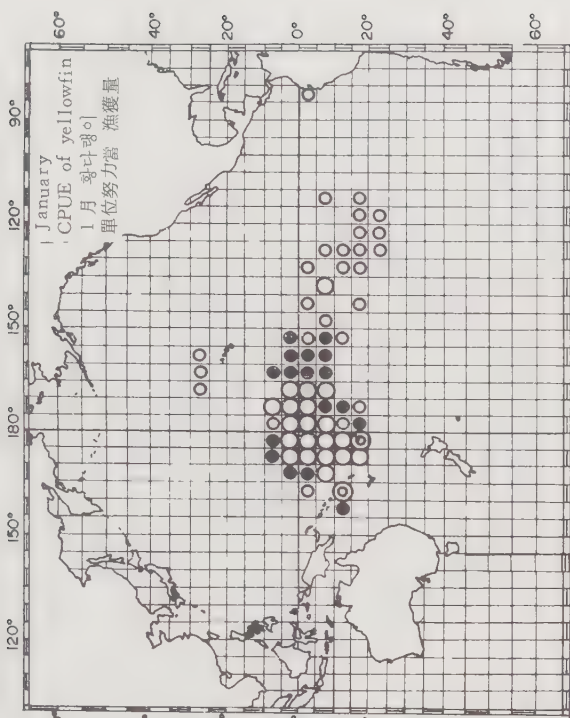


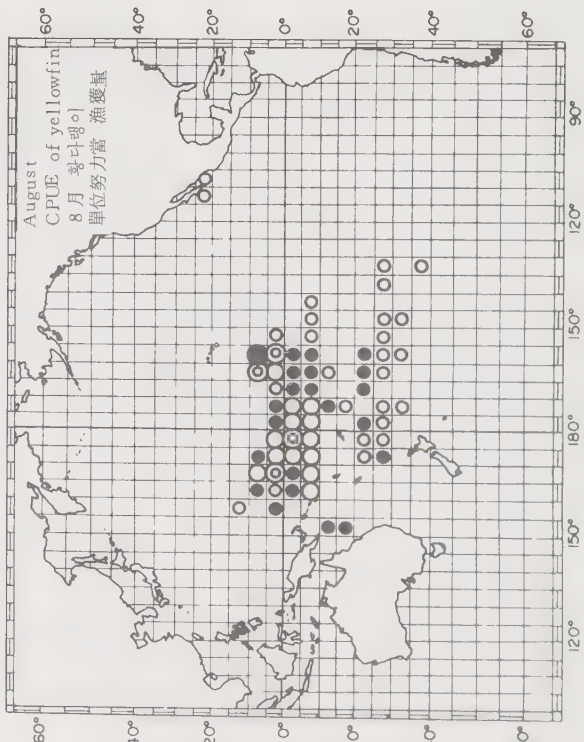
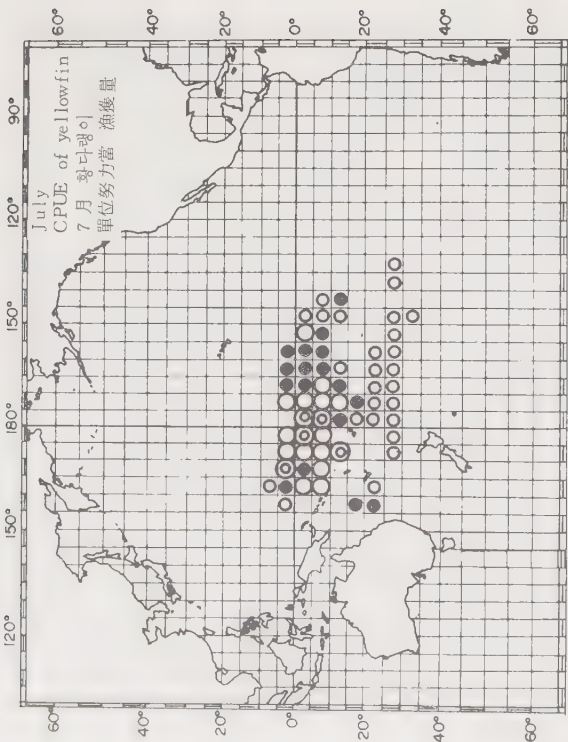
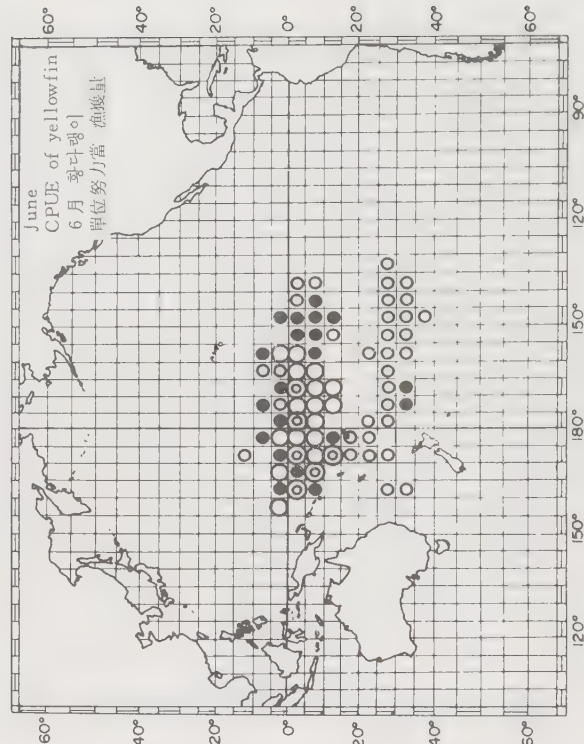
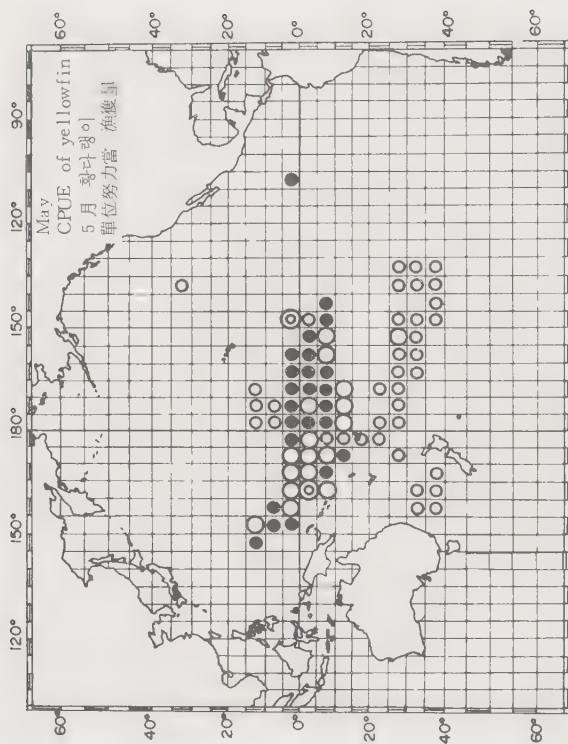
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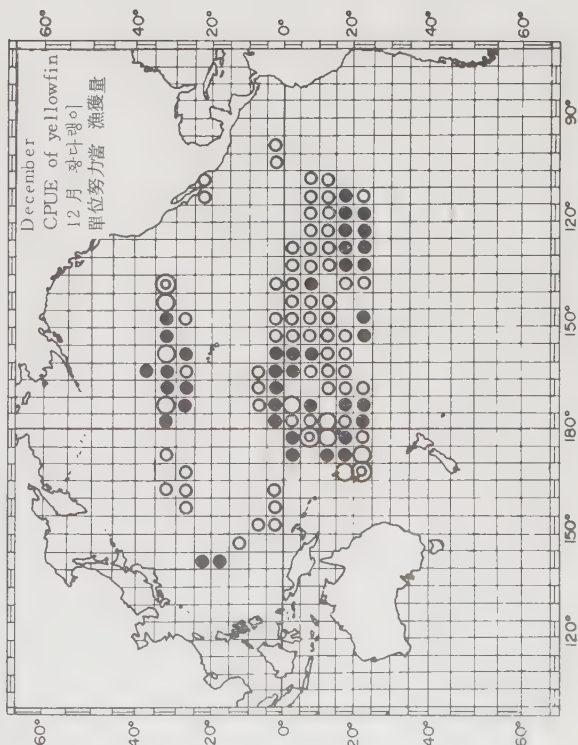
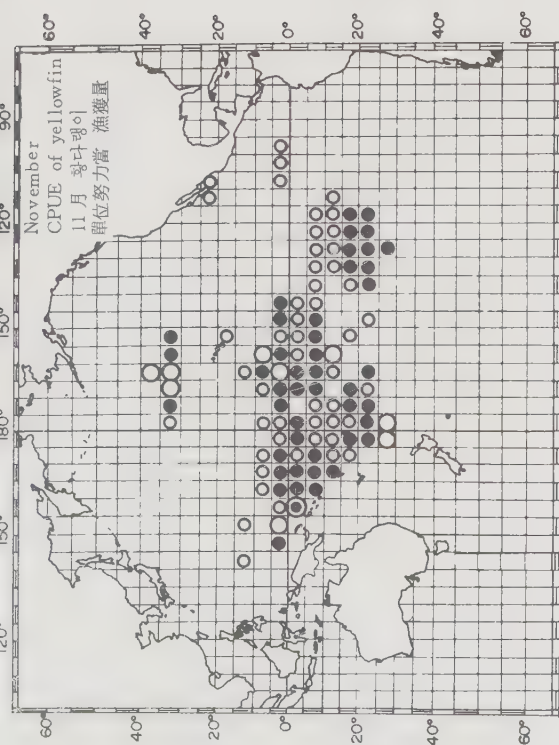
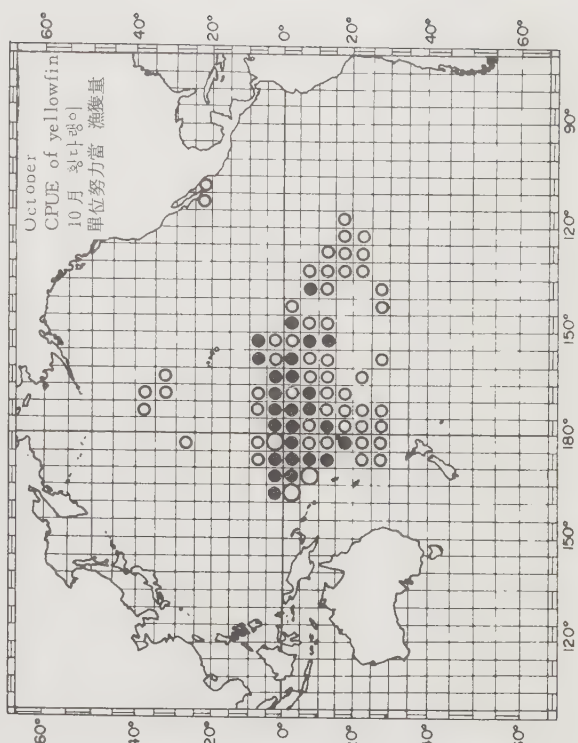
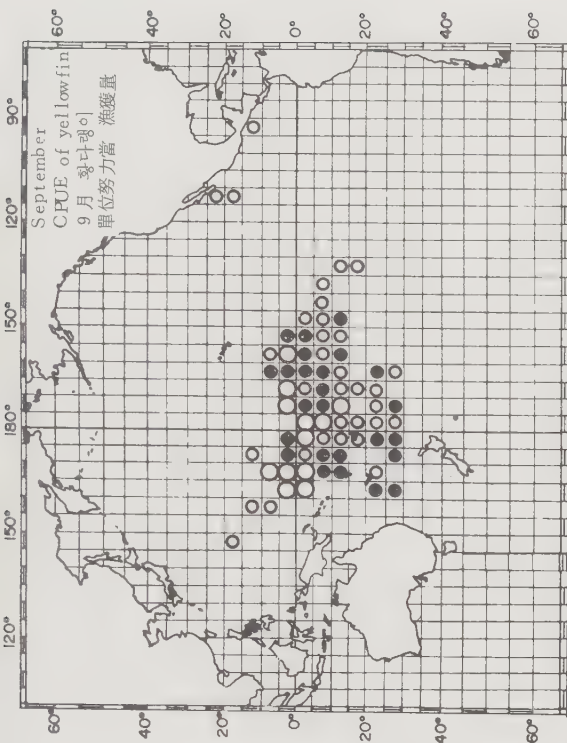
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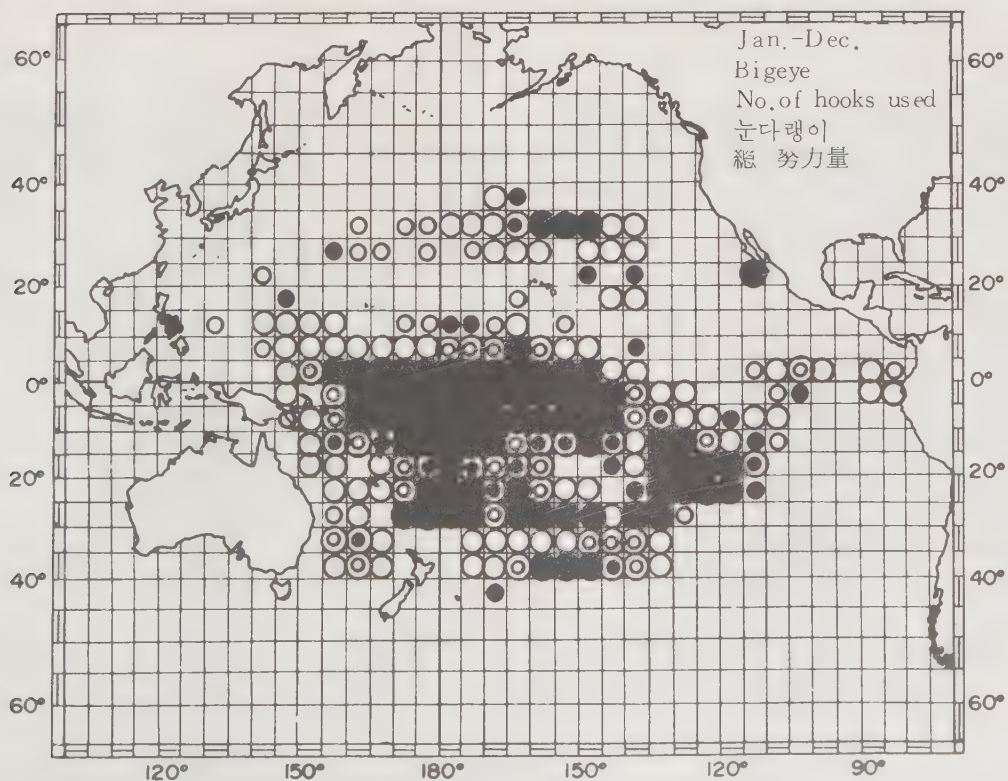
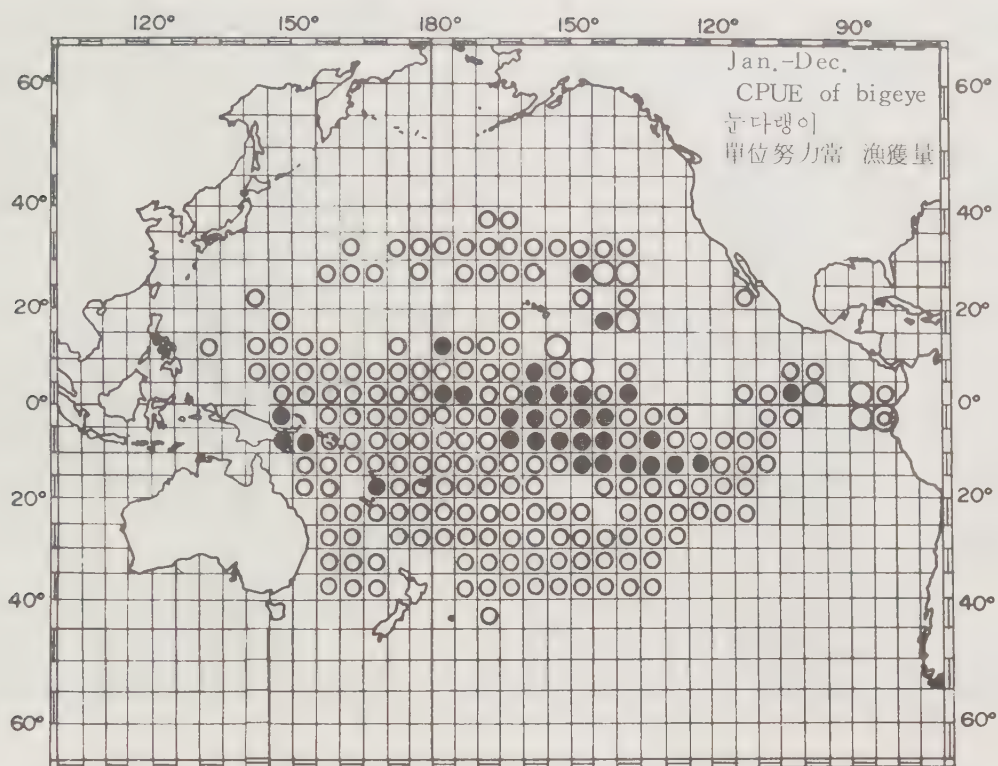


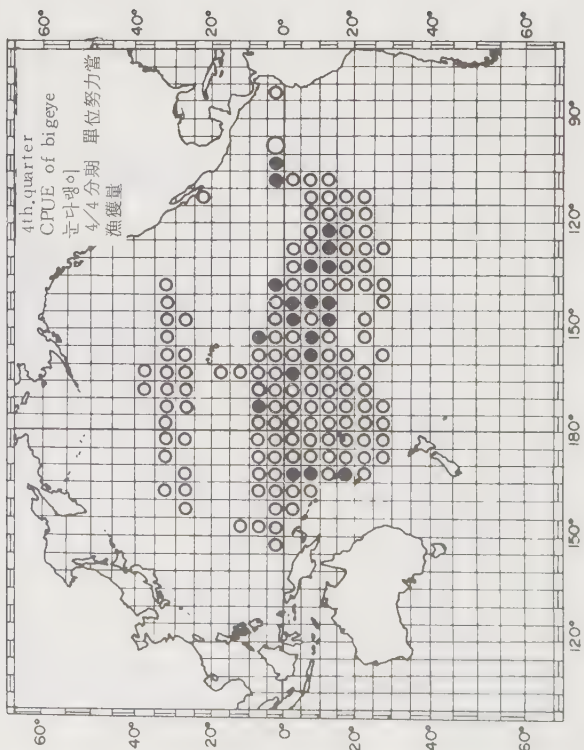
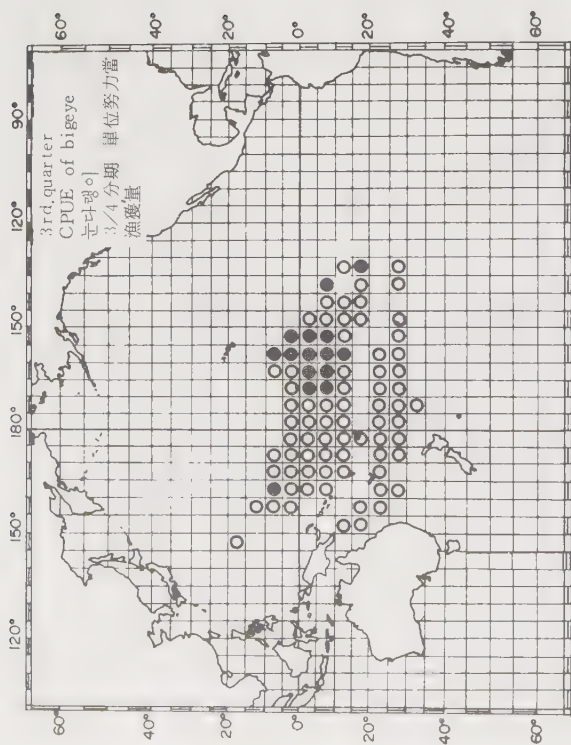
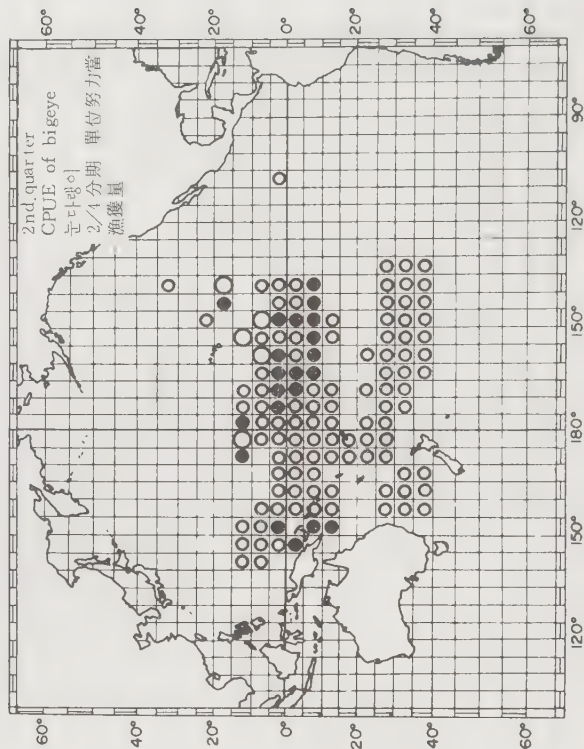
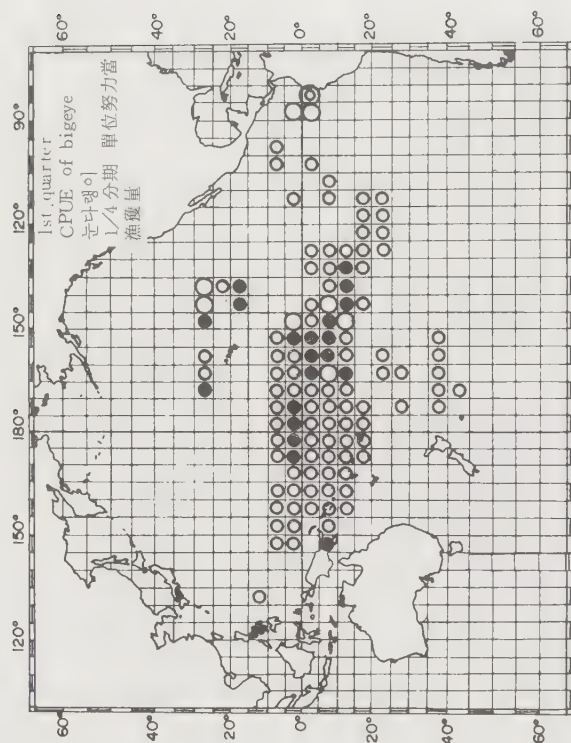


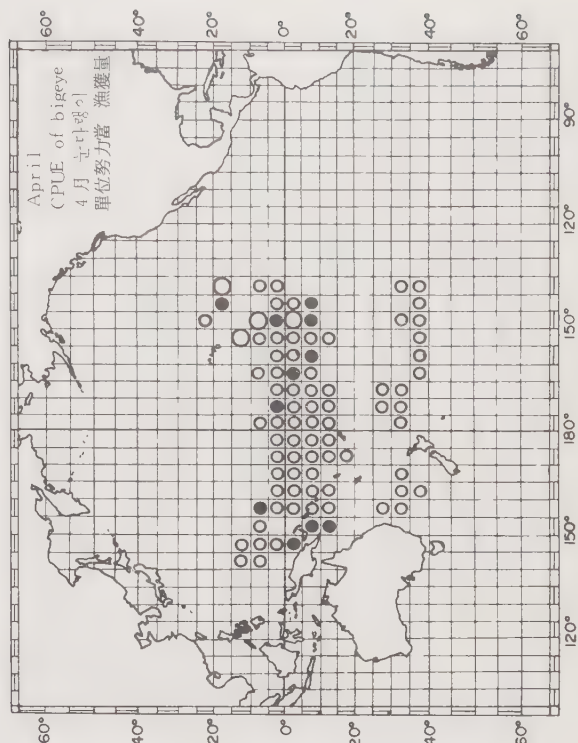
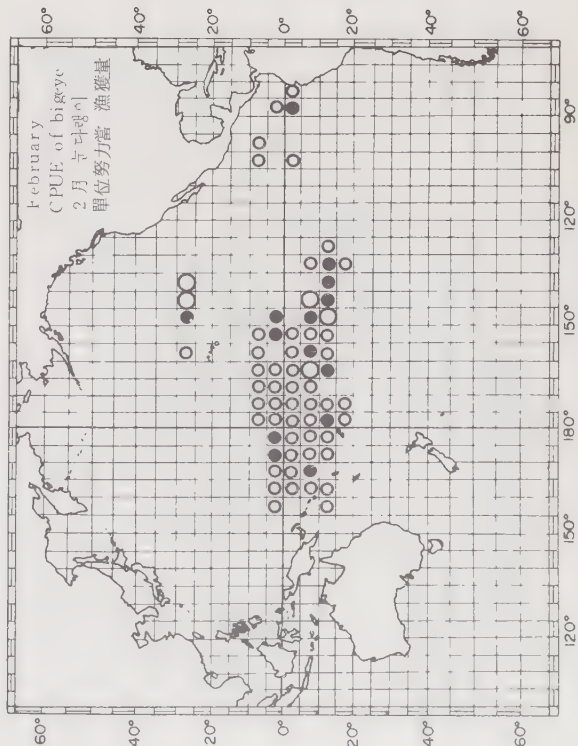
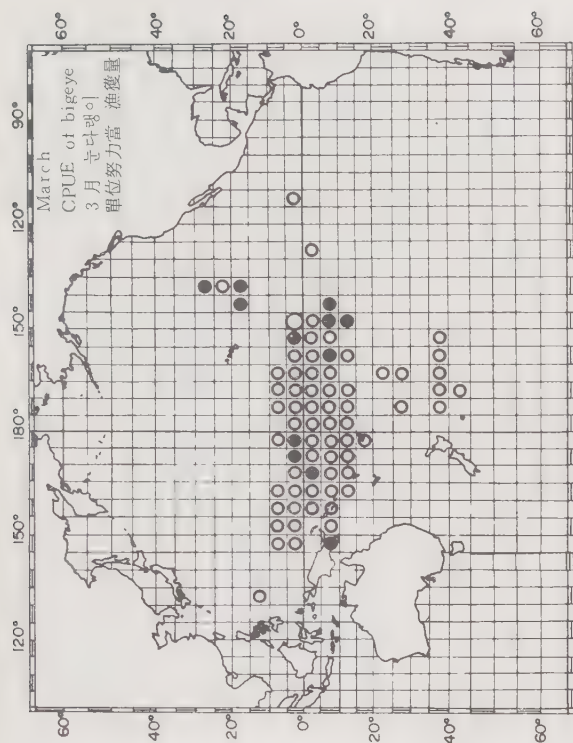
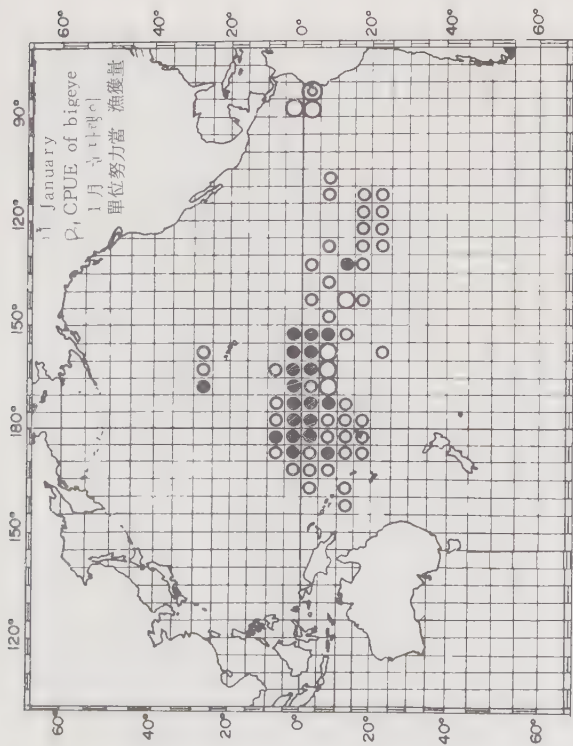


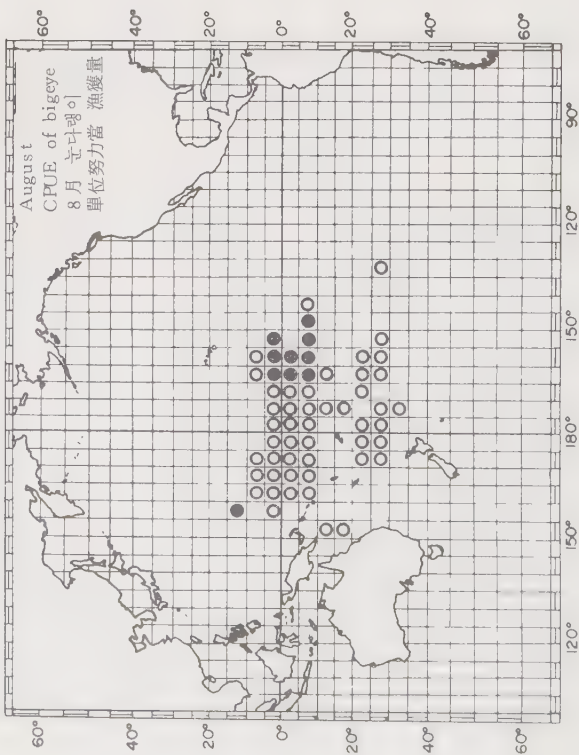
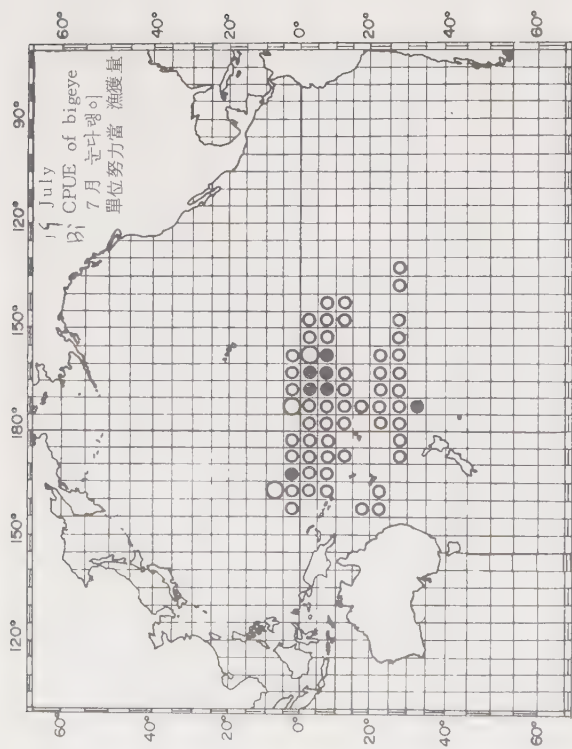
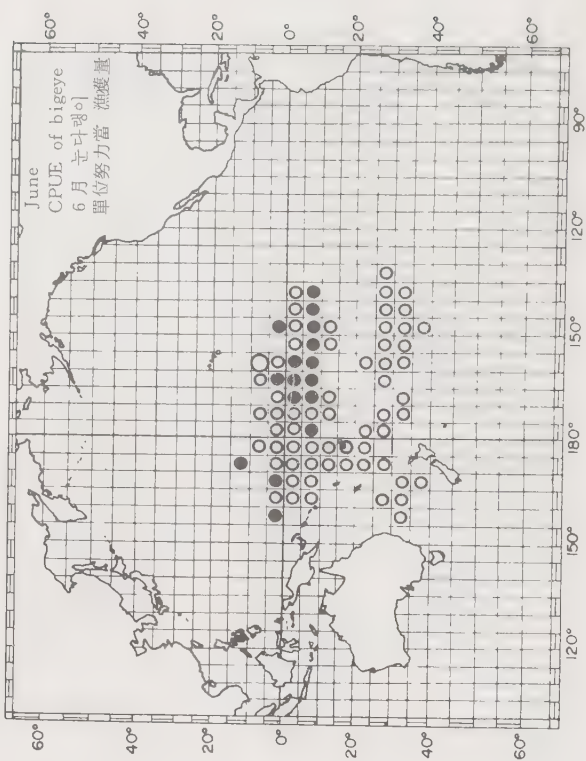
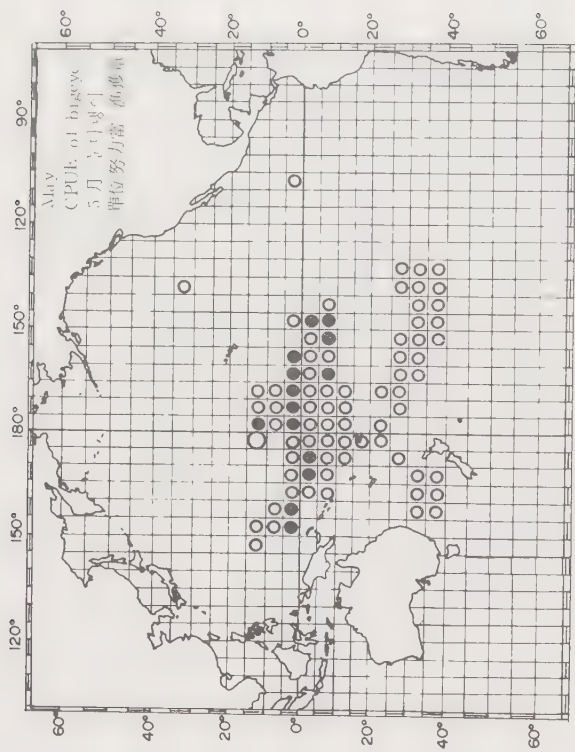
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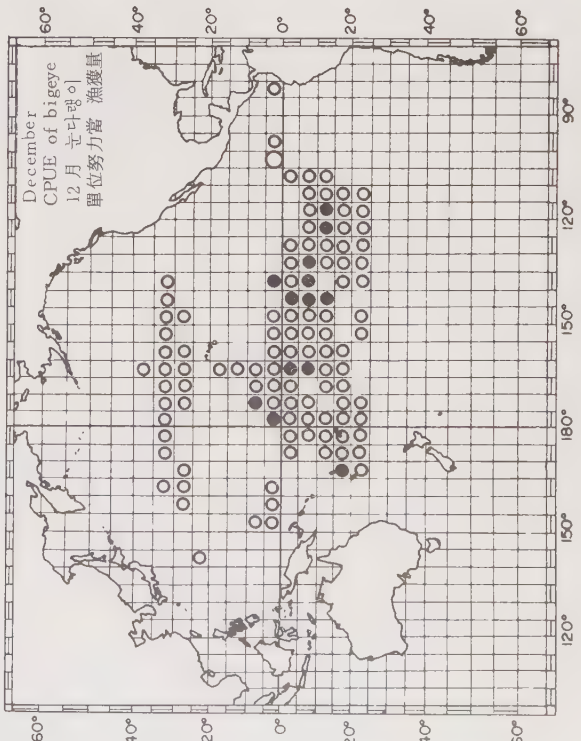
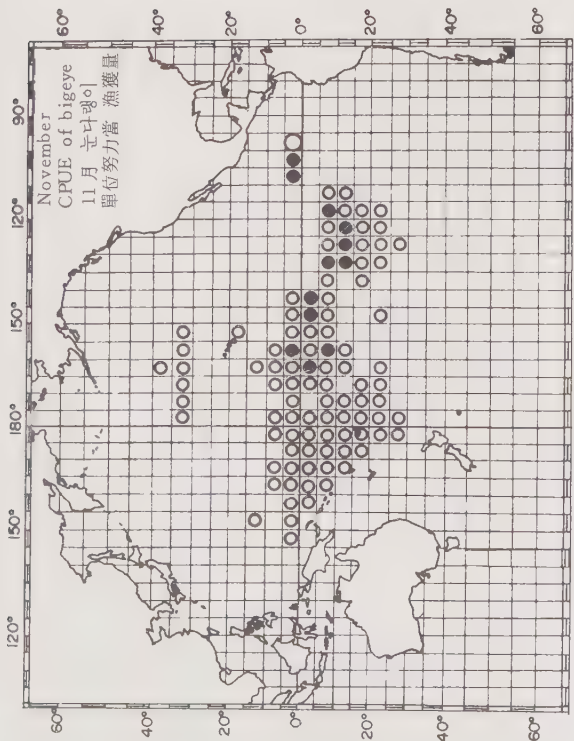
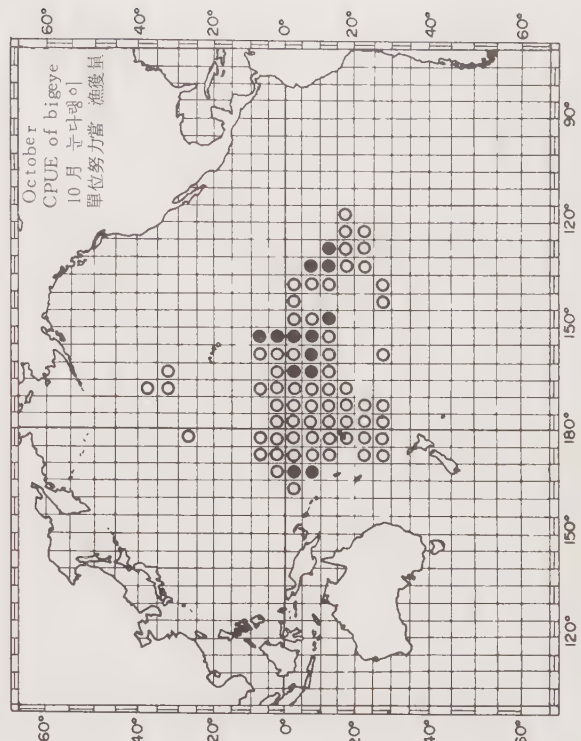
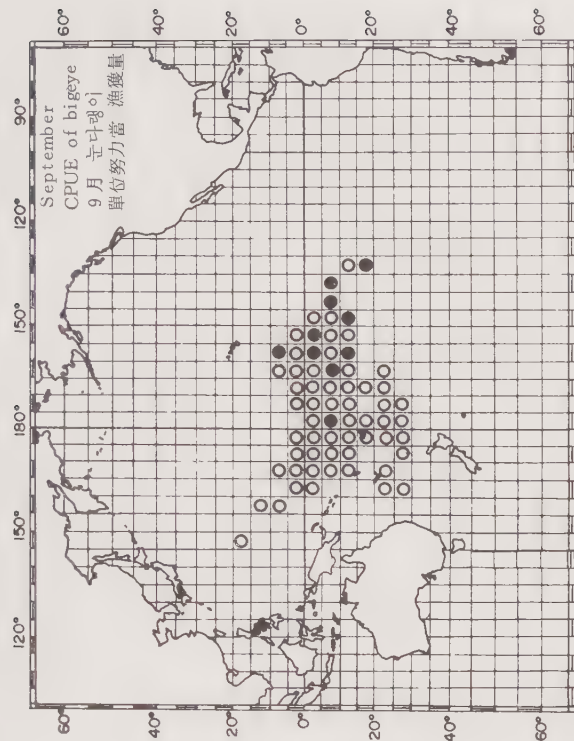
B i g e y e











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